Appendix G-1

Phase I Environmental Site Assessment

PARTNER
Engineering and Science, Inc.®



PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

2311 North Hollywood Way
Burbank, California 91505

Report Date: May 18, 2020
Partner Project No. 20-279443.1



Prepared for:

LaTerra Development, LLC
1880 Century Park East, Suite 1017
Los Angeles, California 90067

PARTNER
Engineering and Science, Inc.

May 18, 2020

Mr. Justin Fleming
LaTerra Development, LLC
1880 Century Park East, Suite 1017
Los Angeles, California 90067

Subject: Phase I Environmental Site Assessment
2311 North Hollywood Way
Burbank, California 91505
Partner Project No. 20-279443.1

Dear Mr. Fleming:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (310) 765-7243.

Sincerely,

Jenny Redlin
Relationship Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by LaTerra Development, LLC for the property located at 2311 North Hollywood Way in Burbank, Los Angeles County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide LaTerra Development, LLC with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property is located on the northwestern corner of North Hollywood Way and Valhalla Drive within a mixed commercial and industrial area of Los Angeles County. Please refer to the table below for further description of the subject property:

Subject Property Data	
Address:	2311 North Hollywood Way, Burbank, California
Property Use:	Commercial – Retail
Land Acreage (Ac):	10.43 Ac
Number of Buildings:	Three
Number of Floors:	One
Gross Building Area (SF):	104,404 SF (Total)
Date of Construction:	1962
Assessor's Parcel Number (APN):	2463-001-019
Type of Construction:	Concrete-Tilt-Up, Slab-on-Grade
Current Tenants:	Fry's Electronics
Site Assessment Performed By:	Louis Mowers of Partner
Site Assessment Conducted On:	April 16, 2020

The subject property is currently occupied by Fry's Electronics for commercial storage and retail use. Onsite operations consist of electronic and miscellaneous product sales, storage, distribution, online pick-up, automotive stereo installation, delivery reception, and typical management and maintenance practices. The subject property consists of three one-story buildings. The main commercial building is located on the southern section of the property with the additional two buildings, one used for an abandoned HVAC system housing, and the other used as a currently non-operational automotive stereo installation garage, located on the western side of the primary structure. In addition to the current structures, the subject property is also improved with asphalt paved parking areas, concrete walkways, a caged delivery center, and associated landscaping.

Based on review of historical sources, the subject property was formerly undeveloped land from as early as 1894; and developed as a dairy with associated residential structures and a store between circa-1928 and the early-1960s. By 1962, the subject property was redeveloped with the current commercial structure on the southern portion and Lockheed Martin (referred to as Plant A-1 South) occupied the property from

1969 to December 1995 for use as offices, a vehicle maintenance shop and parking. Additionally, a gasoline service station/automotive repair operation was developed on the northeastern portion of the subject property in 1962, which was acquired by Lockheed Martin in the mid-1960s and utilized as a gasoline service station/automotive repair operation for Lockheed fleet vehicles until closure in 1992. The subject property has been occupied by Fry's Electronics for retail use since at least 1995. Significant tenants at the subject property include Shoman Dairy (1950s), Lockheed Martin (1960s-1995), Unimart (1962-1986), and Fry's Electronics (1995-Present).

The immediately surrounding properties consist of Burbank Airport Rent-a-Car center to the north across Vanowen Street and Empire Avenue; multi-tenant commercial/industrial to the south across Valhalla Drive; Army National Guard to the southwest across Valhalla Dive; Public Storage across the intersection of North Hollywood Way and Valhalla Drive; Logix Smarter Banking to the east across North Hollywood Way; and Motion Picture Costum, Midnight Oil Agency, and ARRI Inc. to the west.

According to the Regional Water Quality Control Board (RWQCB) online database GeoTracker, a previous subsurface investigation conducted on the subject property (1995) indicates the depth to groundwater in the vicinity of the subject property is approximately 156 feet below ground surface (bgs) and groundwater flow is inferred to be toward the southeast.

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- The subject property is located within the boundaries of the Burbank Operable Unit (BOU) of the San Fernando Valley North Hollywood National Priorities List (NPL) site, an area of known groundwater contamination. Constituents of Concern (COCs) that have been identified include semi-volatile organic compounds (SVOCs), Volatile Organic Compounds (VOCs) and chromium. The subject property was one of many sites investigated by RWQCB and USEPA as a potential responsible party (PRP) of the groundwater contamination. On July 6, 1995 a letter was issued to Lockheed by RWQCB indicating the subject property would no longer be under investigation for potential groundwater contamination for VOCs and the subject property (former Lockheed Plant A-1 South) and current ownership (Gort Limited) were noted to be excluded from the requirements of the Cleanup and Abatement Order No. 87-161, which is associated with the cleanup of several Lockheed plants in the Burbank area.

  Former site occupant, Lockheed Martin, monitors groundwater within the BOU to comply with the provisions of a USEPA Consent Decree (#91-4527-MRP) filed March 1992, and the CRWQCB Cleanup and Abatement Order (#87-161) dated December 1987. As part of the NPL investigation, two groundwater monitoring wells, A-1-CW04 and A-1-CW09, were installed in the north and northeast portion of the subject property, respectively. A third well, monitoring well A-1-CW05 was co-located with monitoring well A-1-CW04 at a later date. Partner contacted Ms. Anita Fang

with CRWQCD regarding the most recent groundwater monitoring results on file with the agency for the BOU. A review of an Annual Groundwater Monitoring Report, Second Quarter 2017 Burbank Operable Unit, provided by Ms. Fang indicates 1,2,3 Trichloropropane (1,2,3 TCP), 1,4 Dioxane, various other VOCs (including Tetrachloroethylene (PCE) and Trichloroethene (TCE), hexavalent chromium and chromium were detected in the onsite wells at levels above the reporting limit (RL), with an increasing trend of 1,2,3 TCP concentrations. Chromium was detected in well A-1-CW04 at 0.88 ug/L which exceeds the Maximum Contaminant Level (MCL).

Lockheed Martin has conducted groundwater monitoring of the onsite wells since approximately 1996 and has been identified as a potential contributor to the regional groundwater contamination. As discussed, the current property owner (Gort, Ltd) has not been identified as a potential responsible party (PRP) and it is unlikely the subject property owner would be responsible for future remediation activities since NFA was issued in 1995. Furthermore, based on the depth to groundwater, review of the most recent groundwater analytical results, and commercial usage of the subject property, a vapor intrusion condition (VIC) is unlikely to exist at the subject property. The location of the subject property within the Burbank Operable Unit of the San Fernando Valley NPL investigation, the identification of a former site occupant as a potential contributor to the regional impact, and the reported VOC and chromium groundwater contamination identified in onsite wells is considered a REC for the subject property; however, based on the lack of an apparent VIC and issuance of an NFA letter with regards to the former subject property operations, Partner recommends no further investigation at this time with regards to this regional groundwater contamination case.

A *controlled recognized environmental condition (CREC)* refers to 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, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Based on review of historical sources, by 1962, the subject property was redeveloped with the current commercial structure on the southern portion and Lockheed Martin (referred to as Plant A-1 South) occupied the property from 1969 to December 1995 for use as offices, a vehicle maintenance shop and parking. Additionally, a gasoline service station/automotive repair operation was developed on the northeastern portion of the subject property in 1962, which was acquired by Lockheed Martin in the mid-1960s and utilized as a gasoline service station/automotive repair operation for Lockheed fleet vehicles until closure in 1992. The subject property has been occupied by Fry's Electronics for retail use since at least 1995.

  The subject property at 2311 North Hollywood Way was identified in the regulatory database report under the names Lockheed Martin, Gort Limited and Fry's Electronics. Based on information provided in a previous Phase I ESA report (PSI, 1998) and from a file review, this former operation included four (4) 12,000-gallon gasoline/diesel/tetrachloroethylene (PCE) USTs, one 550-gallon waste oil UST, one concrete 1,600-gallon clarifier and seven (7) dispensers. The

UST containing PCE served as a central supply point for Lockheed's other plants in the Burbank area. The former gasoline service station/automotive repair operation was demolished in 1992 and the former underground storage tank (USTs) and clarifier were removed as part of the demolition. Additionally, other features including hydraulic lifts and storm drains were removed during this demolition under the supervision of the Burbank Fire Department. Following removal of the USTs and other associated features of potential concern, a total of twenty-one soil samples were collected from the excavated areas. According to the analytical results, subsurface soil was found to be impacted with PCE, diesel fuel and hydraulic oil.

Between 1992 and 1995, seven (7) subsurface investigations were conducted at the subject property in relation to this reported release to the subsurface as a result of the former operations, and a total of 426 soil samples were collected from the former service station during this period. The 1992 subsurface investigation included 78 soil borings to depths of 10 to 40 feet bgs, and soil samples collected from varying intervals were analyzed for VOCs, PCBs, and TPH. According to the analytical results, TPH impacts were generally confined to the upper 10 feet of soil. Elevated VOC impacts were also generally limited to the upper 10 feet of soil, with one boring noting PCE impacts extending to 25 feet bgs. In 1993, a Soil Gas Survey was conducted on the subject property to further evaluate the extent of the subsurface impacts. A total of 181 soil-gas samples were collected from 159 locations across the subject property at depths ranging from 5 to 25 feet bgs, and the samples were analyzed for VOCs. According to the analytical results, twelve of the sample collected from the 5-foot depth contained PCE in excess of 0.1 mg/L, with one sample exceeding 1.0 mg/L. None of the samples collected from the 20-foot depth contained concentrations of PCE above 1.0 mg/L. Additional site characterization was conducted in 1994/1995 which included additional soil borings and sampling and additional soil vapor sampling. A total of 18 of the 426 soil samples contained concentrations of PCE above 1 mg/kg.

Based on review of the Final Soil Remediation Report dated May 22, 1995 by Lockheed Martin Corporation, approximately 1,380 tons of PCE- and diesel/oil-impacted soil was excavated and removed from the subject property. Following removal, a total of 109 confirmation soil samples were collected from the base and sidewalls of the excavation and analyzed for VOCs, TPH, and lead. According to the analytical results, the confirmation soil samples all contained less than 150 ug/kg of PCE. As such, the excavations were backfilled with approved clean fill, and a request for closure was submitted with the report. Based on review of the 1995 final soil remediation report, in a letter dated July 5, 1995, the California Regional Water Quality Control Board (RWQCB) issued a No Further Action status to the subject property and indicated the subject property had been remediated in accordance with Cleanup and Abatement Order No. 87-161. As such, the subject property (former Lockheed Plant A-1 South) and current ownership (Gort Limited) were noted to be excluded from the requirements of the Cleanup and Abatement Order No. 87-161, which is associated with the cleanup of several Lockheed plants in the Burbank area. Based on the regulatory closure with residual PCE-impacted soil left in place, the historical usage of the subject property and associated closed release case are considered a CREC for the subject property. As such, prior to any redevelopment activities and due to the presence of residual PCE-impacted soil

in the subsurface, Partner recommends a soil vapor survey be conducted to evaluate potential vapor intrusion issues for any future onsite buildings. Additionally, if the redevelopment plan includes subterranean levels, Partner recommends implementing a Soil Management Plan (SMP).

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- Partner did not identify any HRECs during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- Due to the age of the subject property buildings, there is a potential that asbestos-containing material (ACM) and/or lead-based paint (LBP) are present. Readily visible suspect ACMs and painted surfaces were observed in good condition. The identified suspect ACMs and LBPs would need to be sampled to confirm the presence or absence of asbestos or lead prior to any renovation or demolition activities to prevent potential exposure to workers and/or building occupants.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 2311 North Hollywood Way in Burbank, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of a REC, CREC and environmental issue in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- Prior to any redevelopment activities and due to the presence of residual PCE-impacted soil in the subsurface, Partner recommends a soil vapor survey be conducted to evaluate potential vapor intrusion issues for any future onsite buildings. Additionally, if the redevelopment plan includes subterranean levels, Partner recommends implementing a Soil Management Plan (SMP).
- An Operations and Maintenance (O&M) Program should be implemented in order to safely manage the suspect ACMs and LBP located at the subject property.

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 2311 North Hollywood Way in Burbank, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"). ASTM Standard E1527-13 constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

1.2 Scope of Work

The scope of work for this ESA is in accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-13, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential

exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

1.3 Limitations

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The conclusions and findings set forth in this report are strictly limited in time and scope to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

1.4 User Reliance

LaTerra Development, LLC engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of LaTerra Development, LLC. Either

verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

1.5 Limiting Conditions

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of a pre-survey questionnaire from the Report User. This information was not provided at the time of the assessment. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner was unable to determine the property use at 5-year intervals, which constitutes a data gap. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 2311 North Hollywood Way in Burbank, California is located on the northwestern corner of North Hollywood way and Valhalla Drive. According to the Los Angeles County Assessor, the subject property is legally described as "*P M 269-99-100 LOT 1*", and ownership is currently vested in GORT Limited since 1995.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

2.2 Current Property Use

The subject property is currently occupied by Fry's Electronics for commercial storage and retail use. Onsite operations consist of electronic and miscellaneous product sales, storage, distribution, online pick-up, automotive stereo installation, delivery reception, and typical management and maintenance practices. The subject property consists of three one-story buildings. The main commercial building is located on the southern section of the property with the additional two buildings, one used for an abandoned HVAC system housing, and the other used as a currently non-operational automotive stereo installation garage, located on the western side of the primary structure. In addition to the current structures, the subject property is also improved with asphalt paved parking areas, concrete walkways, a caged delivery center, and associated landscaping.

The subject property is designated C-3 for Commercial General Business development by the City of Burbank.

The subject property was identified as a Resource Conservation Recovery Act (RCRA) site, Hazardous Waste Manifest Data (HAZNET) and Hazardous Waste Tracking Systems (HWTS) site, Clandestine Drug Lab (CDL) and Enforcement Action (EDL) site, CalEPA Hazardous Waste (CERS HAZ WASTE) site, Underground Storage Tank (SWEEPS UST) and Facility Inventory Database UST (FID UST) site, and Well Investigation Program (WIP) site in the regulatory database report, as further discussed in Section 4.2.

2.3 Current Use of Adjacent Properties

The subject property is located within a mixed commercial and industrial area of Los Angeles County. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

Immediately Surrounding Properties	
North:	Vanowen Street and Empire Avenue beyond which is Burbank Airport Rent-a-Car center (2501 North Hollywood Way)
South:	Valhalla Drive beyond which is multi-tenant commercial/industrial (3520 Valhalla Drive and 2243 North Hollywood Way)
Southwest	Valhalla Drive beyond which is the Army National Guard (3800 Valhalla Drive)
Southeast	The intersection of North Hollywood Way and Valhalla Drive beyond which is Public Storage (2240 North Hollywood Way)

Immediately Surrounding Properties

East: North Hollywood Way beyond which is Logix Smarter Banking (2328 North Hollywood Way)

West: Motion Picture Costume, Midnight Oil Agency, and ARRI Inc. (3811 Valhalla Drive, and 3800 and 3700 Vanowen Street)

Several adjacent properties were identified in the regulatory database report, as further discussed below in Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

The United States Geological Survey (USGS) *Burbank, California* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at approximately 660 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently toward the south-southeast. The subject property is depicted on the 2012 map as shaded indicating development,

A copy of the most recent topographic map is included as Figure 3 of this report.

2.4.2 Hydrology

According to topographic map interpretation, the direction of groundwater flow in the vicinity of the subject property is inferred to be toward the southeast. The nearest surface water in the vicinity of the subject property is the Santa Ana Canal located approximately 300-feet to the northeast of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the Burbank Department of Public Works and Engineering serves the subject property vicinity. The sources of public water for Burbank are surface water purchased from the Metropolitan Water District (MWD) that receives its water from the Northern Sierra Mountains in California and the Colorado River.

According to the Regional Water Quality Control Board (RWQCB) online database GeoTracker, a previous subsurface investigation conducted on the subject property (1995) indicates the depth to groundwater in the vicinity of the subject property is approximately 156 feet below ground surface (bgs).

2.4.3 Geology/Soils

The subject property is situated within the southeastern portion of the San Fernando Valley in the Transverse Ranges physiographic province of the State of California. The San Fernando Valley is a sedimentary basin located between the Verdugo and San Gabriel Mountains to the northeast, Santa Monica Mountains to the south, Santa Susan Mountains to the north, and the Simi Hills to the west. The site vicinity is underlain by alluvial deposits of Holocene and Pleistocene age, comprised of unconsolidated to weakly lithified valley-fill sediments deposited as coalescing alluvial fans along the surrounding mountain fronts. The soils in the southeastern portion of the Valley are mainly gravel and

sand with localized lenses of clay and silt overlying sandstones and conglomerates of the Tertiary-aged Topanga Formation which overlies a basement complex of granitic and metamorphic rocks.

Soils encountered during onsite assessments in the 1990s were described as silty sand, sand, and sand with gravel to 85 feet bgs. Fine sands and lenses of silty sand were encountered at 10 and 30 feet bgs.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 06037C1328F, dated September 26, 2008, the subject property appears to be located in Zone X, an area located outside of the 100-year and 500-year flood plains.

3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

Historical Use Information		
Period/Date	**Source**	**Description/Use**
1894-1902	Topographic Maps	Undeveloped land
1928-circa 1962	Aerial Photographs, City Directories, Sanborn Maps, Topographic Maps	Developed with a Dairy
Circa 1966-1962	Aerial Photographs, City Directories, Sanborn Maps, Topographic Maps	Developed with a Store
1962-1992	Aerial Photographs, City Directories, Sanborn Maps, Topographic Maps	Commercial - Used as Administrative Offices, Gas Station and Maintenance
1995-Present	Aerial Photographs, City Directories, Sanborn Maps, Topographic Maps	Used as an Electronics Store

Based on review of historical sources, the subject property was formerly undeveloped land from as early as 1894; and developed as a dairy with associated residential structures and a store between circa-1928 and the early-1960s. By 1962, the subject property was redeveloped with the current commercial structure on the southern portion and Lockheed Martin (referred to as Plant A-1 South) occupied the property from 1969 to December 1995 for use as offices, a vehicle maintenance shop and parking. Additionally, a gasoline service station/automotive repair operation was developed on the northeastern portion of the subject property in 1962, which was acquired by Lockheed Martin in the mid-1960s and utilized as a gasoline service station/automotive repair operation for Lockheed fleet vehicles until closure in 1992. The subject property has been occupied by Fry's Electronics for retail use since at least 1995. Significant tenants at the subject property include Shoman Dairy (1950s), Lockheed Martin (1960s-1995), Unimart (1962-1986), and Fry's Electronics (1995-Present). Potential environmental concerns were identified in association with the USTs formerly located on the subject property, and a former occupied identified as a potentially responsible party (PRP) of known regional groundwater contamination as further discussed below and in Section 4.2.

- Based on review of historical sources, by 1962, the subject property was redeveloped with the current commercial structure on the southern portion and Lockheed Martin (referred to as Plant A-1 South) occupied the property from 1969 to December 1995 for use as offices, a vehicle maintenance shop and parking. Additionally, a gasoline service station/automotive repair operation was developed on the northeastern portion of the subject property in 1962, which was acquired by Lockheed Martin in the mid-1960s and utilized as a gasoline service station/automotive repair operation for Lockheed fleet vehicles until closure in 1992. The subject property has been occupied by Fry's Electronics for retail use since at least 1995.

  The subject property at 2311 North Hollywood Way was identified in the regulatory database report under the names Lockheed Martin, Gort Limited and Fry's Electronics. Based on information provided in a previous Phase I ESA report (PSI, 1998) and from a file review, this former operation included four (4) 12,000-gallon gasoline/diesel/tetrachloroethylene (PCE) USTs,

one 550-gallon waste oil UST, one concrete 1,600-gallon clarifier and seven (7) dispensers. The UST containing PCE served as a central supply point for Lockheed's other plants in the Burbank area. The former gasoline service station/automotive repair operation was demolished in 1992 and the former underground storage tank (USTs) and clarifier were removed as part of the demolition. Additionally, other features including hydraulic lifts and storm drains were removed during this demolition under the supervision of the Burbank Fire Department. Following removal of the USTs and other associated features of potential concern, a total of twenty-one soil samples were collected from the excavated areas. According to the analytical results, subsurface soil was found to be impacted with PCE, diesel fuel and hydraulic oil.

Between 1992 and 1995, seven (7) subsurface investigations were conducted at the subject property in relation to this reported release to the subsurface as a result of the former operations, and a total of 426 soil samples were collected from the former service station during this period. The 1992 subsurface investigation included 78 soil borings to depths of 10 to 40 feet bgs, and soil samples collected from varying intervals were analyzed for VOCs, PCBs, and TPH. According to the analytical results, TPH impacts were generally confined to the upper 10 feet of soil. Elevated VOC impacts were also generally limited to the upper 10 feet of soil, with one boring noting PCE impacts extending to 25 feet bgs. In 1993, a Soil Gas Survey was conducted on the subject property to further evaluate the extent of the subsurface impacts. A total of 181 soil-gas samples were collected from 159 locations across the subject property at depths ranging from 5 to 25 feet bgs, and the samples were analyzed for VOCs. According to the analytical results, twelve of the sample collected from the 5-foot depth contained PCE in excess of 0.1 mg/L, with one sample exceeding 1.0 mg/L. None of the samples collected from the 20-foot depth contained concentrations of PCE above 1.0 mg/L. Additional site characterization was conducted in 1994/1995 which included additional soil borings and sampling and additional soil vapor sampling. A total of 18 of the 426 soil samples contained concentrations of PCE above 1 mg/kg.

Based on review of the Final Soil Remediation Report dated May 22, 1995 by Lockheed Martin Corporation, approximately 1,380 tons of PCE- and diesel/oil-impacted soil was excavated and removed from the subject property. Following removal, a total of 109 confirmation soil samples were collected from the base and sidewalls of the excavation and analyzed for VOCs, TPH, and lead. According to the analytical results, the confirmation soil samples all contained less than 150 ug/kg of PCE. As such, the excavations were backfilled with approved clean fill, and a request for closure was submitted with the report. Based on review of the 1995 final soil remediation report, in a letter dated July 5, 1995, the California Regional Water Quality Control Board (RWQCB) issued a No Further Action status to the subject property and indicated the subject property had been remediated in accordance with Cleanup and Abatement Order No. 87-161. As such, the subject property (former Lockheed Plant A-1 South) and current ownership (Gort Limited) were noted to be excluded from the requirements of the Cleanup and Abatement Order No. 87-161, which is associated with the cleanup of several Lockheed plants in the Burbank area. Based on the regulatory closure with residual PCE-impacted soil left in place, the historical usage of the subject property and associated closed release case are considered a CREC for the subject property. As

such, prior to any redevelopment activities and due to the presence of residual PCE-impacted soil in the subsurface, Partner recommends a soil vapor survey be conducted to evaluate potential vapor intrusion issues for any future onsite buildings. Additionally, if the redevelopment plan includes subterranean levels, Partner recommends implementing a Soil Management Plan (SMP).

- The subject property is located within the boundaries of the Burbank Operable Unit (BOU) of the San Fernando Valley North Hollywood National Priorities List (NPL) site, an area of known groundwater contamination. Constituents of Concern (COCs) that have been identified include semi-volatile organic compounds (SVOCs), Volatile Organic Compounds (VOCs) and chromium. The subject property was one of many sites investigated by RWQCB and USEPA as a potential responsible party (PRP) of the groundwater contamination. On July 6, 1995 a letter was issued to Lockheed by RWQCB indicating the subject property would no longer be under investigation for potential groundwater contamination for VOCs and the subject property (former Lockheed Plant A-1 South) and current ownership (Gort Limited) were noted to be excluded from the requirements of the Cleanup and Abatement Order No. 87-161, which is associated with the cleanup of several Lockheed plants in the Burbank area.

  Former site occupant, Lockheed Martin, monitors groundwater within the BOU to comply with the provisions of a USEPA Consent Decree (#91-4527-MRP) filed March 1992, and the CRWQCB Cleanup and Abatement Order (#87-161) dated December 1987. As part of the NPL investigation, two groundwater monitoring wells, A-1-CW04 and A-1-CW09, were installed in the north and northeast portion of the subject property, respectively. A third well, monitoring well A-1-CW05 was co-located with monitoring well A-1-CW04 at a later date. Partner contacted Ms. Anita Fang with CRWQCD regarding the most recent groundwater monitoring results on file with the agency for the BOU. A review of an Annual Groundwater Monitoring Report, Second Quarter 2017 Burbank Operable Unit, provided by Ms. Fang indicates 1,2,3 Trichloropropane (1,2,3 TCP), 1,4 Dioxane, various other VOCs (including Tetrachloroethylene (PCE) and Trichloroethene (TCE), hexavalent chromium and chromium were detected in the onsite wells at levels above the reporting limit (RL), with an increasing trend of 1,2,3 TCP concentrations. Chromium was detected in well A-1-CW04 at 0.88 ug/L which exceeds the Maximum Contaminant Level (MCL).

  Lockheed Martin has conducted groundwater monitoring of the onsite wells since approximately 1996 and has been identified as a potential contributor to the regional groundwater contamination. As discussed, the current property owner (Gort, Ltd) has not been identified as a potential responsible party (PRP) and it is unlikely the subject property owner would be responsible for future remediation activities since NFA was issued in 1995. Furthermore, based on the depth to groundwater, review of the most recent groundwater analytical results, and commercial usage of the subject property, a vapor intrusion condition (VIC) is unlikely to exist at the subject property. The location of the subject property within the Burbank Operable Unit of the San Fernando Valley NPL investigation, the identification of a former site occupant as a potential contributor to the regional impact, and the reported VOC and chromium groundwater contamination identified in onsite wells is considered a REC for the subject property; however,

based on the lack of an apparent VIC and issuance of an NFA letter with regards to the former subject property operations, Partner recommends no further investigation at this time with regards to this regional groundwater contamination case.

3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Data Resources (EDR) on April 9, 2020. The following was observed on the subject property and adjacent properties during the aerial photograph review:

Date: 1928,1938	***Scale: 1"=500'***
Subject Property:	Appears to be developed with a possible commercial dairy operation with several structures on the central and east portions of the property and two square enclosures. The south and west portions appear to be grassland undeveloped
North:	Appears to be developed with a farmstead and agricultural fields across an unimproved road and railroad track in 1928. By 1938 the farmstead is no longer present and the property appears to be part of an airfield
South:	Appears to be agricultural across an unimproved road
East:	Appears to be developed with a farmstead and agricultural fields across an unimproved road
West:	Appears to possibly be and agricultural field with an orchard. A possible cemetery is present further west

Date: 1948,1952,1954	***Scale: 1"=500'***
Subject Property:	Several small structures are located on the central and southeast portion of the property. A paved parking area has been developed on the east side of the property. An unimproved parking area is located in the northwest portion of the property. The remainder of the site appears grass-covered.
North:	A very large commercial complex has been developed across two paved roads and railroad tracks, as part of an airport
South:	Developed with a commercial building, a baseball field and parking lot, across a aved road. By 1954 the baseball field had been developed as a parking lot
East:	Developed with a paved parking lot, vacant filed and possible mobile home park to the southeast
West:	Developed with a vacant land and a large paved parking lot

Date: 1964	***Scale: 1"=500'***
Subject Property:	Developed with a large commercial building on the south portion of the property. A long, rectangular shaped building is present on the north portion of the site with the remainder of the property developed as a paved parking lot
North:	No significant changes visible
South:	No significant changes visible
East:	Developed with a large parking lot and commercial buildings, and possible mobile homes to the southeast
West:	Developed with a large parking lot and commercial building

Date: 1970	***Scale: 1"=500'***
Subject Property:	No significant changes visible. The rectangular building on north portion of property appears to be fenced off from the rest of the property
North:	No significant changes visible
South:	No significant changes visible
East:	Vacant land. North Hollywood Way appears to have been temporarily detoured or re-routed and is no longer present along the east property boundary
West:	No significant changes visible

Date: 1977,1981	***Scale: 1"=500'***
Subject Property:	No significant changes visible
North:	No significant changes visible
South:	Developed with three commercial buildings
East:	North Hollywood Way has been redeveloped and is present along the east property boundary with a commercial building and parking lot beyond
West:	No significant changes visible

Date: 1989	***Scale: 1"=500'***
Subject Property:	A building addition has been constructed on the west side of the north rectangular building
North:	No significant changes visible
South:	No significant changes visible
East:	Developed with two commercial buildings
West:	No significant changes visible

Date: 1994	***Scale: 1"=500'***
Subject Property:	The rectangular building on the north portion of the property has been razed and the area appears to have been graded excavated and graded. The remainder of the property is occupied by the large commercial building and paved parking
North:	No significant changes visible
South:	No significant changes visible
East:	One commercial building has been razed
West:	No significant changes visible

Date: 2002,2005	***Scale: 1"=500'***
Subject Property:	The north portion of the property has been redeveloped as a parking lot
North:	The large commercial/industrial complex has been razed and excavated and the entire area has been graded
South:	No significant changes visible
East:	No significant changes visible
West:	A commercial building has been constructed on the former parking lot

Date: 2009,2012,2016	***Scale: 1"=500'***
Subject Property:	No significant changes visible
North:	Redeveloped as a large parking lot
South:	No significant changes visible

Date:	*2009,2012,2016*	*Scale:*	*1"=500'*
East:	No significant changes visible		
West:	No significant changes visible		

Copies of select aerial photographs are included in Appendix B of this report.

3.2 Fire Insurance Maps

Partner reviewed the collection of Sanborn Fire insurance maps from Environmental Data Resources (EDR) on April 9, 2020. The following was observed on the subject property and adjacent properties during the fire insurance map review:

Date:	*1953*
Subject Property:	The subject property was occupied by a dairy which included a milking shed, storage area, milk house, two storage shed, two wood silos and four dwellings
North:	Appears occupied with an industrial type facility across West Vanowen Street, a railroad track and West Empire Avenue. The facility includes a plate shop, extrusion area, transfer switch yard, medical storage with acetylene, and a paint shop
South:	A softball field and National Guard Armory are depicted across West Valhalla Drive
East:	North Hollywood Way is depicted. The east side of North Hollywood Boulevard is not depicted on this map
West:	No development depicted

Date:	*1954,1956,1960*
Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	A National Guard Armory and a parking lot are depicted across West Valhalla Drive
East:	A house trailer park is depicted to the southeast across North Hollywood Way
West:	No significant changes depicted

Date:	*1966,1968*
Subject Property:	The property has been redeveloped and a store constructed of reinforced concrete with steel columns and beams has been developed on the south portion of the property. A rectangular feature labelled as "gas & oil" is depicted in the northeast corner of the property. A parking lot is depicted north of the building
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Date:	*1969*
Subject Property:	The subject property is occupied by Lockheed Aircraft Corporate Offices. The gas and oil area is depicted in the northeast corner of the property with parking north of the building
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Copies of reviewed Sanborn Maps are included in Appendix B of this report.

3.3 City Directories

Partner reviewed historical city directories obtained from Environmental Data Resources (EDR) on April 14, 2020 for past names and businesses that were listed for the subject property and adjacent properties. The findings are presented in the following table:

City Directory Search for 2311 North Hollywood Way (Subject Property)	
Year(s)	**Occupant Listed**
1950	Shoman Dairy
1956	Shoman Dairy, Manuel Rocha, Wayne Dennis
1967	W G Products Inc Shoes
1970	Lockheed-California Company Corporation, Federal Credit Union and Employee Recreation Club
1971	Lockheed California Company, Employees Credit Union, Group Insurance
1975,1980	Employees Credit Union, Group Insurance
1985	Administrative Offices, Certificate Rates Recording, Collection Department, Lockheed Air Terminal Inc., Lockheed Aircraft Employees Federal Credit Union and Administrative Offices
1999,2004,2006	Frys Electronics
2009,2015	Frys Electronics

According to the city directory review, the subject property was occupied by a dairy and an office building. The historical usage of the subject property is discussed further in Section 3.0.

City Directory Search for Adjacent Properties	
Year(s)	**Occupant Listed**
1950,1956	Multiple Individual Tenant Names (2240 N. Hollywood Way)
1962	Multiple Individual Tenant Names (2240 N. Hollywood Way)
1970	Multiple Individual Tenant Names (2240 N. Hollywood Way) Polich Benedict Construction (2340 N. Hollywood Way)
1975	Sale & Service (2231 N. Hollywood Way) Multiple individual tenant names (2240 N. Hollywood Way)
1976	Westinghouse Elevator (2231 N. Hollywood Way) Multiple Individual Tenant Names (2240 N. Hollywood Way)
1980	Barrow Fabrics Inc. (3520 W. Valhalla Dr.) Westinghouse Elevator (2231 N. Hollywood Way) Multiple Individual Tenant Names (2240 N. Hollywood Way)
1981	Barrow Fabrics Inc. (3520 W. Valhalla Dr.) Westinghouse Elevator Co (2231 N. Hollywood Way)
1985	Westinghouse Elevator Co, Construction Business Development (2231 N. Hollywood Way) Multiple Individual Tenant Names (2240 N. Hollywood Way) Lockheed Federal Credit Union, Loan Department, Weber Aircraft Co (2340 N. Hollywood Way)
1986	Barrow Fabrics Inc. (3520 W. Valhalla Dr.) Westinghouse Elevator Co (2311 N. Hollywood Way)
1990	Barrow Fabrics Inc (3520 W. Valhalla Dr.)

City Directory Search for Adjacent Properties

Year(s)	Occupant Listed
1991	Unitel Mobile (2231 N. Hollywood Way) Multiple Individual Tenant Names (2240 N. Hollywood Way) University of Laverne, B&P The Spaceconnection, Daniell Engineering, Que (2340 N. Hollywood Way)
1994	Barrow Fabrics Inc (3520 W. Valhalla Dr.) Sonic Edge, Unitel Mobile (2231 N. Hollywood Way) Multiple Individual Tenant Names (2240 N. Hollywood Way) Lockheed Federal Credit Union (2340 N. Hollywood Way)
1995	Unitel Mobile, Sonic Edge (2231 N. Hollywood Way) Multiple Individual Tenant Names (2240 N. Hollywood Way)
1999	Ampex, Quantegy Inc. (3520 W. Valhalla Dr.) Sling Shot Records (2231 N. Hollywood Way) Pacific Radio Electronics Inc (2243 N. Hollywood Way) Multiple Individual Tenant Names (2240 N. Hollywood Way)
2001	Quantegy Inc. (3520 W. Valhalla Dr.) Pacific Radio Electronics (2243 N. Hollywood Way)
2004	Quantegy Inc. (3520 W. Valhalla Dr.) Sonic Atmospheres Inc., Craig Huxley (2231 N. Hollywood Way) Pacific Radio Electronics (2243 N. Hollywood Way) Irene Hidalgo (2240 N. Hollywood Way) Lockheed Martin (2340 N. Hollywood Way)
2006	Archives, Pactitle (3520 W. Valhalla Dr.) Omegacase Company Inc (2231 N. Hollywood Way) Pac Radio Electronics Inc (2243 N. Hollywood Way) CTGY (2340 N. Hollywood Way)
2009	Pacific Title Archives (3520 W. Valhalla Dr.) Omega Case Co Inc (2231 N. Hollywood Way) Pacific Radio Exchange Inc (2243 N. Hollywood Way) Lockheed Federal Credit Union, University of Laverne, LFCU Brokerage Inc, (2340 N. Hollywood Way)
2015	Flashpoint Graphix (3520 W. Valhalla Dr.) Omega Case Company Inc (2231 N. Hollywood Way) Trew Audio LA, Pacific Radio Electronics (2243 N. Hollywood Way) Public Storage (2240 N. Hollywood Way) CTGY (2340 N Hollywood Way)

Based on the city directory review, no environmentally sensitive listings (such as dry cleaners, automotive facilities, etc.) were identified for the adjacent property addresses; however, listings identified in the regulatory database report are discussed further in Section 4.2.3.

Copies of reviewed city directories are included in Appendix B of this report.

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from Environmental Data Resources (EDR) on April 9, 2020. The following was observed on the subject property and adjacent properties during the topographic map review:

Date: 1894,1896,1898,1900,1902	
Subject Property:	No development depicted. A sandy area, possibly part of a stream bed, is indicated in the northeast portion of the property
North:	No development depicted across a roadway
South:	No development depicted
East:	A small residential-type structure is depicted across a roadway
West:	No development depicted

Date: 1920,1921	
Subject Property:	A small residential-like structure is depicted in the east portion of the subject property
North:	Developed with a railroad track and roadway. An intermittent stream is depicted adjacent to the northeast of the subject property and across the roadway
South:	No significant changes depicted
East:	An intermittent stream and railroad tracks are depicted
West:	No significant changes depicted

Date: 1926	
Subject Property:	Two small residential-type structures are depicted on the south portion of the property
North:	The intermittent stream is no longer depicted across Empire Avenue and the Southern and Pacific Railroad
South:	No development depicted across a roadway or driveway
East:	No development depicted across Hollywood Way
West:	No development depicted. A cemetery is depicted further west

Date: 1948	
Subject Property:	Five small structures are depicted on the south and east portion of the property
North:	A large commercial building and numerous smaller buildings are depicted as part of Lockheed Air Terminal. Runways are depicted further northwest
South:	No development depicted across a roadway or driveway
East:	Three small structures are depicted to the southeast
West:	No development depicted. Two small structures and Valhalla Memorial Park are depicted further west

Date: 1953	
Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	Three commercial buildings are depicted
East:	The Providence School is depicted to the further east and southeast
West:	No significant changes depicted

Date:	***1966,1972,1994***
Subject Property:	The subject property is in an area referred to as Vega. A large commercial building is depicted on the south portion of the property. A small rectangular structure is depicted in the northeast corner of the property.
North:	No significant changes depicted
South:	An Armory is depicted across a driveway
East:	No significant changes visible
West:	A commercial structure is depicted

Date:	***2012***
Subject Property:	No manmade structures other than roadways, governmental, academic and religious institutions are depicted on this map
North:	No manmade structures other than roadways, governmental, academic and religious institutions are depicted on this map
South:	No manmade structures other than roadways, governmental, academic and religious institutions are depicted on this map
East:	No manmade structures other than roadways, governmental, academic and religious institutions are depicted on this map
West:	No manmade structures other than roadways, governmental, academic and religious institutions are depicted on this map

Copies of reviewed topographic maps are included in Appendix B of this report.

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 State Department

Regulatory Agency Data	
Name of Agency:	California Environmental Protection Agency (Cal/EPA)
Agency Website:	https://calepa.ca.gov/
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	(916) 323-2514
Date of Contact:	April 10, 2020
Method of Communication:	Online
Summary of Communication:	Information is on file with Cal/EPA for former site occupant Lockheed Martin, as further discussed below in Section 4.2.2.

4.1.2 Fire Department

Regulatory Agency Data	
Name of Agency:	Burbank Fire Department (BFD)
Agency Address:	311 East Orange Grove, Burbank, California 91502
Agency Phone Number:	(818) 238-3458
Date of Contact:	April 10, 2020
Method of Communication:	Telephone Request (April 10 and 20), Email Request (April 13)
Summary of Communication:	Records provided by BFD indicated the subject property utilized small quantities of hazardous substances and has submitted numerous hazardous materials inventory forms under Fry's Electronics. A Business Activities Declaration form dated 2006 indicates no USTs or ASTs were located on the subject property at that time. Partner also reviewed online information with RWQCB and Los Angeles County Fire Department for any available UST information. In addition to the site address, a search was also conducted under three other possible historic addresses that could have been associated with the subject property. No UST information was available with BFD for any of the addresses searched.

4.1.3 Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	South Coast Air Quality Management District (SCAQMD)
Agency Website:	http://www.aqmd.gov/webappl/fim/default.htm
Agency Address:	21865 Copley Drive, Diamond Bar, California 91765
Agency Phone Number:	(909) 396-2000
Name of Agency:	South Coast Air Quality Management District (SCAQMD)
Method of Communication:	Online
Summary of Communication:	No Permits to Operate (PTO), Notices of Violation (NOV), or Notices

Regulatory Agency Data	
	to Comply (NTC) or the presence of AULs, dry cleaning machines, or USTs were on file for the subject property in the SCAQMD online database.

4.1.4 Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	California Regional Water Quality Control Board (CRWQCB) – Los Angeles, Region 4
Agency Website:	http://geotracker.waterboards.ca.gov/
Agency Address:	320 West 4th Street, Los Angeles, California 90013
Agency Phone Number:	(213) 576-6600
Date of Contact:	April 14, 2020
Method of Communication:	Online
Summary of Communication	The subject property has conducted soil cleanup activities associated with four USTs, and asbestos cleanup activities. The subject property is also located within the San Fernando Valley NPL site boundaries. Partner conducted a regulatory file review with regards to the subject property release case, which is described further in Section 3.0. Copies of the CRWQCB file and associated cleanup reports are provided in Appendix B.

4.1.5 Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	California Department of Toxic Substances Control (DTSC)
Agency Websites:	http://www.envirostor.dtsc.ca.gov/public/ http://hwts.dtsc.ca.gov/report_list.cfm
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	(916) 255-3687
Date of Contact:	April 14, 2020
Method of Communication:	Online
Summary of Communication:	According to the records reviewed, the subject property, identified as Lockheed Martin Corporation at 2311 North Hollywood Way, is listed in the Hazardous Waste Tracking System (HWTS) online database under EPA ID No. CAD982504052. A hazardous waste manifest record was recorded in June 1990, listed as inactive in June 1998 and was last updated in August 2004. Manifests were reported in 1993, 1994, and 1995 as a generator.

4.1.6 Building Department

Regulatory Agency Data	
Name of Agency:	Burbank Building Department (BBD)
Agency Address:	150 North 3rd Street, Burbank, California 91502

Regulatory Agency Data	
Agency Phone Number:	(818) 238-5564
Date of Contact:	July 23, 2018
Method of Communication:	In Person
Summary of Communication:	Due to Covid-19 the public is not allowed access to BBD to view historical building permits on file with the agency. A review conducted of the BBD online database indicates three records are on file for the subject property; a Conditional Use permit (#PL0801916) dated February 2008 for installation of a wireless communication monopole; Building Permit #BS1214071 dated December 2012 for new roof installation for Fry's Electronics; and, Building Permit #BS1303664 dated March 2013 for relocation of accessible parking stalls.

4.1.7 Planning Department

Regulatory Agency Data	
Name of Agency:	Burbank Planning Department (BPD)
Agency Address:	150 North 3rd Street, Burbank, California 91502
Agency Phone Number:	(818) 238-5250
Date of Contact:	April 18, 2020
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is zoned C-3 for Commercial General Business Development by the City of Burbank.

4.1.8 Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Department of Conservation Division of Oil, Gas and Geothermal Resources (DOGGR) – Southern District
Agency Website:	https://maps.conservation.ca.gov/doggr/wellfinder/#close
Agency Address:	5816 Corporate Avenue, Suite 100, Cypress, California 90630
Agency Phone Number:	(916) 324-0850
Date of Contact:	April 18, 2020
Method of Communication:	Online
Summary of Communication:	According to DOGGR, no oil or gas wells are located on or adjacent to the subject property.

4.1.9 Assessor's Office

Regulatory Agency Data	
Name of Agency:	Los Angeles County Office of the Assessor (LACOA)
Agency Website:	http://maps.assessor.lacounty.gov
Agency Address:	500 West Temple Street, Room 225, Los Angeles, California 90012
Agency Phone Number:	(213) 974-2111
Date of Contact:	April 16, 2020
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is identified by

Assessor's Parcel Number (APN) 2463-001-019. The current building was constructed in 1962 on a 10.43-acre lot.

Copies of pertinent documents obtained from the above-referenced regulatory agencies (if available) are included in Appendix B of this report.

4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by Environmental Data Resources, Inc. (EDR). Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and the locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.

4.2.1 Regulatory Database Summary

Radius Report Data

Database	Search Radius (mile)	Subject Property	Adjacent Properties	Sites of Concern
Federal NPL or Delisted NPL Site	1.00	N	N	**Y**
Federal CERCLIS Site	0.50	N	N	N
Federal CERCLIS-NFRAP Site	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSDF Facility	0.50	N	N	N
Federal RCRA Generators Site (LQG, SQG, CESQG)	0.25	**Y**	**Y**	N
Federal IC/EC Registries	0.50	N	N	N
Federal ERNS Site	Subject Property	N	N	N
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	N	N	N
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	N
State/Tribal Leaking Storage Tank Site	0.50	**Y**/N	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	0.25	**Y**	**Y**	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.50	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
EDR MGP	Varies	N	N	N
EDR US Hist Auto Station	Varies	N	N	N
EDR US Hist Cleaners	Varies	N	N	N

4.2.2 Subject Property Listings

The subject property is identified as a CA CERS, CA WIP, CA FID UST, CA SWEEPS UST, CA CERS HAZ WASTE, CA CPS-SLIC, CA HWTS, CA HAZNET, CA CDL, CA ENF, RCRA NonGen/NLR, FINSD and ECHO site in the regulatory database report. Several of the databases including FINDS and ECHO are cross-referenced database listings, as discussed below:

- The subject property is identified on the RCRA non-generator and CA CERS HAZ Waste database as a non-generator of hazardous waste, no longer required to report. A form was filed in 1992 and 1996 as a large quantity generator, and in 1998 as a non-generator of hazardous waste under Lockheed Martin. A form was filed in 2019 under Fry's Electronics as a RCRA non-generator. No violations have been reported. Based on the nature of the listing and lack of violations, this listing is not expected to represent a REC for the subject property.
- The subject property at 2311 North Hollywood Way was identified in the regulatory database report under the names Lockheed Martin, Gort Limited and Fry's Electronics. Based on information provided in a previous Phase I ESA report (PSI, 1998) and from a file review, this former operation included four (4) 12,000-gallon gasoline/diesel/tetrachloroethylene (PCE) USTs, one 550-gallon waste oil UST, one concrete 1,600-gallon clarifier and seven (7) dispensers. The UST containing PCE served as a central supply point for Lockheed's other plants in the Burbank area. The former gasoline service station/automotive repair operation was demolished in 1992 and the former underground storage tank (USTs) and clarifier were removed as part of the demolition. Additionally, other features including hydraulic lifts and storm drains were removed during this demolition under the supervision of the Burbank Fire Department. Following removal of the USTs and other associated features of potential concern, a total of twenty-one soil samples were collected from the excavated areas. According to the analytical results, subsurface soil was found to be impacted with PCE, diesel fuel and hydraulic oil.

  Between 1992 and 1995, seven (7) subsurface investigations were conducted at the subject property in relation to this reported release to the subsurface as a result of the former operations, and a total of 426 soil samples were collected from the former service station during this period. The 1992 subsurface investigation included 78 soil borings to depths of 10 to 40 feet bgs, and soil samples collected from varying intervals were analyzed for VOCs, PCBs, and TPH. According to the analytical results, TPH impacts were generally confined to the upper 10 feet of soil. Elevated VOC impacts were also generally limited to the upper 10 feet of soil, with one boring noting PCE impacts extending to 25 feet bgs. In 1993, a Soil Gas Survey was conducted on the subject property to further evaluate the extent of the subsurface impacts. A total of 181 soil-gas samples were collected from 159 locations across the subject property at depths ranging from 5 to 25 feet bgs, and the samples were analyzed for VOCs. According to the analytical results, twelve of the sample collected from the 5-foot depth contained PCE in excess of 0.1 mg/L, with one sample exceeding 1.0 mg/L. None of the samples collected from the 20-foot depth contained concentrations of PCE above 1.0 mg/L. Additional site characterization was conducted in

1994/1995 which included additional soil borings and sampling and additional soil vapor sampling. A total of 18 of the 426 soil samples contained concentrations of PCE above 1 mg/kg.

Based on review of the Final Soil Remediation Report dated May 22, 1995 by Lockheed Martin Corporation, approximately 1,380 tons of PCE- and diesel/oil-impacted soil was excavated and removed from the subject property. Following removal, a total of 109 confirmation soil samples were collected from the base and sidewalls of the excavation and analyzed for VOCs, TPH, and lead. According to the analytical results, the confirmation soil samples all contained less than 150 ug/kg of PCE. As such, the excavations were backfilled with approved clean fill, and a request for closure was submitted with the report. Based on review of the 1995 final soil remediation report, in a letter dated July 5, 1995, the California Regional Water Quality Control Board (RWQCB) issued a No Further Action status to the subject property and indicated the subject property had been remediated in accordance with Cleanup and Abatement Order No. 87-161. As such, the subject property (former Lockheed Plant A-1 South) and current ownership (Gort Limited) were noted to be excluded from the requirements of the Cleanup and Abatement Order No. 87-161, which is associated with the cleanup of several Lockheed plants in the Burbank area. Based on the regulatory closure with residual PCE-impacted soil left in place, the historical usage of the subject property and associated closed release case are considered a CREC for the subject property. As such, prior to any redevelopment activities and due to the presence of residual PCE-impacted soil in the subsurface, Partner recommends a soil vapor survey be conducted to evaluate potential vapor intrusion issues for any future onsite buildings. Additionally, if the redevelopment plan includes subterranean levels, Partner recommends implementing a Soil Management Plan (SMP).

- The subject property was identified on the CA CDL and CA ENF databases as a clandestine mobile lab site. In 2003 illegal drug lab equipment and materials were found in a vehicle parked on the subject property. The car was removed, and cleanup was conducted by local authorities. Based on the nature of the database and lack of reported releases to the subsurface, these listings are not expected to represent a REC for the subject property.

- The subject property is located within the boundaries of the Burbank Operable Unit (BOU) of the San Fernando Valley North Hollywood National Priorities List (NPL) site, an area of known groundwater contamination. Constituents of Concern (COCs) that have been identified include semi-volatile organic compounds (SVOCs), Volatile Organic Compounds (VOCs) and chromium. The subject property was one of many sites investigated by RWQCB and USEPA as a potential responsible party (PRP) of the groundwater contamination. On July 6, 1995 a letter was issued to Lockheed by RWQCB indicating the subject property would no longer be under investigation for potential groundwater contamination for VOCs and the subject property (former Lockheed Plant A-1 South) and current ownership (Gort Limited) were noted to be excluded from the requirements of the Cleanup and Abatement Order No. 87-161, which is associated with the cleanup of several Lockheed plants in the Burbank area.

  Former site occupant, Lockheed Martin, monitors groundwater within the BOU to comply with the provisions of a USEPA Consent Decree (#91-4527-MRP) filed March 1992, and the CRWQCB

Cleanup and Abatement Order (#87-161) dated December 1987. As part of the NPL investigation, two groundwater monitoring wells, A-1-CW04 and A-1-CW09, were installed in the north and northeast portion of the subject property, respectively. A third well, monitoring well A-1-CW05 was co-located with monitoring well A-1-CW04 at a later date. Partner contacted Ms. Anita Fang with CRWQCD regarding the most recent groundwater monitoring results on file with the agency for the BOU. A review of an Annual Groundwater Monitoring Report, Second Quarter 2017 Burbank Operable Unit, provided by Ms. Fang indicates 1,2,3 Trichloropropane (1,2,3 TCP), 1,4 Dioxane, various other VOCs (including Tetrachloroethylene (PCE) and Trichloroethene (TCE), hexavalent chromium and chromium were detected in the onsite wells at levels above the reporting limit (RL), with an increasing trend of 1,2,3 TCP concentrations. Chromium was detected in well A-1-CW04 at 0.88 ug/L which exceeds the Maximum Contaminant Level (MCL).

Lockheed Martin has conducted groundwater monitoring of the onsite wells since approximately 1996 and has been identified as a potential contributor to the regional groundwater contamination. As discussed, the current property owner (Gort, Ltd) has not been identified as a potential responsible party (PRP) and it is unlikely the subject property owner would be responsible for future remediation activities since NFA was issued in 1995. Furthermore, based on the depth to groundwater, review of the most recent groundwater analytical results, and commercial usage of the subject property, a vapor intrusion condition (VIC) is unlikely to exist at the subject property. The location of the subject property within the Burbank Operable Unit of the San Fernando Valley NPL investigation, the identification of a former site occupant as a potential contributor to the regional impact, and the reported VOC and chromium groundwater contamination identified in onsite wells is considered a REC for the subject property; however, based on the lack of an apparent VIC and issuance of an NFA letter with regards to the former subject property operations, Partner recommends no further investigation at this time with regards to this regional groundwater contamination case.

The subject property is identified as a WIP (Well Investigation Program) site on the database report and the status of the site is listed as "Active". The subject property was investigated by either having been sent a questionnaire or having a walk-through inspection conducted by RWQCB personnel. As discussed, the subject property was issued an NFA in 1995. Therefore, the WIP listing is not considered a REC.

4.2.3 Adjacent Property Listings

Several adjacent properties were identified in the regulatory database report, as discussed below:

- A property identified as Quantegy Inc. at 3800 West Valhalla Drive is located adjacent to the south, down and cross gradient of the subject property. This site is identified as a LA CO HMS (Industrial Waste and Underground Storage Tank Site) under Quantegy Inc. and a CA WIP site under Barrow Fabrics Inc. and is located within the San Fernando Valley NPL site currently under investigation and remediation. This site has not been identified as having had a release. There is no information on file for this site address with RWQCB or BFD. According to the WIP listing the

status of this site is listed as "Historical". As referenced above, RWQCB locates and abates sources of pollutants affecting these wells and oversees remediation. To identify the sources or responsible parties, this site was investigated by either having been sent a questionnaire or a walk-through inspection was conducted by RWQCB personnel. RWQCB did not identify this as an active site. No additional information was provided in the database report and this facility is not listed on any regulatory release database that would indicate an unauthorized release or compliance violations. Based on the above information, and location with regard to groundwater flow direction, this facility is not expected to represent a REC for the subject property.

- A property identified as National Guard Repair Garage FMS #13 / Organizational Maintenance Shop / Burbank OMS 13 at 3800 Valhalla Drive is located adjacent to the southwest portion of the subject property, down and cross gradient. This site is listed on several databases including CA CERS HAZ WASTE, CA HIST UST, CA SWEEPS UST, RCRA NonGen/NLR, and CA WIP. This facility is listed on the CA HIST UST database as having had three USTs and on the CA SWEEPS database as having two active USTs containing diesel and unleaded gasoline. A review of UST information on file with RWQCB indicates the tanks were installed in the 1950s. No additional information was provided in the database report and no information was discovered in Geotracker. In addition, this site is not listed on any regulatory release database that would indicate an unauthorized release or compliance violations.

  This facility also filed a form in 1986 as a small quantity generator of hazardous waste and in 1987 as a non-generator of hazardous waste, no longer required to report. No violations have been reported on the RCRA database. Numerous compliance inspections have been conducted of the facility and one violation was noted on the CERS database for failure to dispose of hazardous waste within a 90-day period. This facility is also listed on the WIP database as an historical site. Based on the above information and location with regard to groundwater flow direction, this facility is not expected to represent a REC for the subject property.

- A property identified as Calstart at 3601 Empire Avenue is located adjacent to the north, up and cross gradient of the subject property. This facility filed a form in 1996 as a small quantity generator of hazardous waste. Wastes identified included alkaline solution with metals which were recycled. No violations have been noted and no further information was provided in the database report. Based on the nature of the listing, lack of a documented release, and location with regard to groundwater flow direction, this facility is not expected to represent a REC for the subject property.

- A property identified as Vega Aircraft is located north of the subject property, on the north side of Empire Avenue, up and cross gradient of the subject property. This site is listed as a Formerly Used Defense Site (FUDS) in the database report. FUDS sites are former defense properties which the US Army Corps of Engineers was formerly or is actively working on cleanup actions. This area was formerly occupied by a large industrial complex associated with the airport and was razed between 1994 and 2002. The entire area has been redeveloped. Based on this information,

identification of the source, and location with regard to estimated groundwater flow, this site is not expected to represent a REC for the subject property.

- A property identified as Tylie Jones and Associates is located at 2240 Screenland Drive, adjacent to the south, down and cross gradient of the subject property. This facility is listed as a CA WIP site. The file status is listed as "Historical". As referenced above, RWQCB locates and abates sources of pollutants affecting these wells and oversees remediation. RWQCB did not identify this as an active site. No additional information was provided in the database report and this site is not listed on any regulatory release database that would indicate an unauthorized release or compliance violations. Based on the above information, and location with regard to groundwater flow direction, this facility is not expected to represent a REC for the subject property.

- A property identified as Lockheed Federal Credit Union at 2340 N Hollywood Way, is located adjacent to the east across North Hollywood Way, down gradient of the subject property. This site is listed on the CA CERS TANKS, CA HAZNET, CA CERS, and CA HWTS databases. A UST is identified on this property. Routine inspections are completed by Burbank Fire Department and compliance violations have been issued for failure to submit a UST permit, and the presence of water in the UST sump. The violations were corrected, and the facility returned to compliance.

  This facility was identified on the RCRA-SQG and HAZNET databases for producing wastes listed as unspecified solvent mixture. A form was filed in 1980 as a large quantity generator and in 1996 as a small quantity generator. No violations have been reported. No additional information was provided in the database report and this site is not listed on any regulatory release database that would indicate an unauthorized release has occurred. Based on lack of a documented release and down gradient location with regard to groundwater flow, this site is not expected to represent a REC for the subject property.

- A property identified as Midnight Oil Agency at 3800 Vanowen Street, is located adjacent to the west and up-gradient of the subject property. This facility is listed as a CA CERS HAZ Waste, CA EMI and CA CERS site in the database report. This facility is listed as a hazardous waste generator and chemical storage facility and has reported air emissions with SCAQMD. Compliance inspections has been conducted by the Burbank and Los Angeles County Fire Department. Violations have been issued by the fire departments for failure to label hazardous waste containers. Forms were filed between 1995 and 2003 as a RCRA hazardous waste generator. Wastes listed included ignitable, corrosive, silver, and spent nonhalogenated wastes. No violations were reported on the RCRA database. This site is not listed on any regulatory release database that would indicate an unauthorized release has occurred. Based on lack of a documented release, this site is not expected to represent a REC for the subject property.

Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

4.2.4 Sites of Concern Listings

The following potential site of concern is identified in the regulatory database report:

- The subject property is located within the boundaries of the Burbank Operable Unit (BOU) of the San Fernando Valley North Hollywood National Priorities List (NPL) site, an area of known groundwater contamination. Constituents of Concern (COCs) that have been identified include semi-volatile organic compounds (SVOCs), Volatile Organic Compounds (VOCs) and chromium. The subject property was one of many sites investigated by RWQCB and USEPA as a potential responsible party (PRP) of the groundwater contamination. On July 6, 1995 a letter was issued to Lockheed by RWQCB indicating the subject property would no longer be under investigation for potential groundwater contamination for VOCs and the subject property (former Lockheed Plant A-1 South) and current ownership (Gort Limited) were noted to be excluded from the requirements of the Cleanup and Abatement Order No. 87-161, which is associated with the cleanup of several Lockheed plants in the Burbank area.

  Former site occupant, Lockheed Martin, monitors groundwater within the BOU to comply with the provisions of a USEPA Consent Decree (#91-4527-MRP) filed March 1992, and the CRWQCB Cleanup and Abatement Order (#87-161) dated December 1987. As part of the NPL investigation, two groundwater monitoring wells, A-1-CW04 and A-1-CW09, were installed in the north and northeast portion of the subject property, respectively. A third well, monitoring well A-1-CW05 was co-located with monitoring well A-1-CW04 at a later date. Partner contacted Ms. Anita Fang with CRWQCD regarding the most recent groundwater monitoring results on file with the agency for the BOU. A review of an Annual Groundwater Monitoring Report, Second Quarter 2017 Burbank Operable Unit, provided by Ms. Fang indicates 1,2,3 Trichloropropane (1,2,3 TCP), 1,4 Dioxane, various other VOCs (including Tetrachloroethylene (PCE) and Trichloroethene (TCE), hexavalent chromium and chromium were detected in the onsite wells at levels above the reporting limit (RL), with an increasing trend of 1,2,3 TCP concentrations. Chromium was detected in well A-1-CW04 at 0.88 ug/L which exceeds the Maximum Contaminant Level (MCL).

  Lockheed Martin has conducted groundwater monitoring of the onsite wells since approximately 1996 and has been identified as a potential contributor to the regional groundwater contamination. As discussed, the current property owner (Gort, Ltd) has not been identified as a potential responsible party (PRP) and it is unlikely the subject property owner would be responsible for future remediation activities since NFA was issued in 1995. Furthermore, based on the depth to groundwater, review of the most recent groundwater analytical results, and commercial usage of the subject property, a vapor intrusion condition (VIC) is unlikely to exist at the subject property. The location of the subject property within the Burbank Operable Unit of the San Fernando Valley NPL investigation, the identification of a former site occupant as a potential contributor to the regional impact, and the reported VOC and chromium groundwater contamination identified in onsite wells is considered a REC for the subject property; however, based on the lack of an apparent VIC and issuance of an NFA letter with regards to the former subject property operations, Partner recommends no further investigation at this time with regards to this regional groundwater contamination case.

No other sites of concern are identified in the regulatory database report. Listed sites within the specified search radius of the subject property which appeared on local, State, or Federally published lists of sites that have had releases of hazardous substances, have been granted regulatory closure, were determined to be of sufficient distance, and/or are situated hydrologically cross- or down-gradient such that impact to the subject property is unlikely. Based on the findings, vapor migration is not expected to represent a significant environmental concern at this time.

4.2.5 Orphan Listings

The San Fernando Valley Groundwater Basin is identified as a CA CHMIRS, CA BOND EXP. PLAN site in the orphan summary of the regulatory database report, as previously discussed in Sections 4.2.2, 4.2.3 and 4.2.4.

A copy of the regulatory database report is included in Appendix C of this report.

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to 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. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E1527-13, Partner requested the following site information from LaTerra Development, LLC (User of this report).

User Responsibilities

Item	Provided By User	Not Provided By User	Discussed Below	Does Not Apply
Environmental Pre-Survey Questionnaire			**X**	
Title Records, Environmental Liens, and AULs			**X**	
Specialized Knowledge			**X**	
Actual Knowledge			**X**	
Valuation Reduction for Environmental Issues			**X**	
Identification of Key Site Manager	**Section 5.1.3**			
Reason for Performing Phase I ESA	**Section 1.1**			
Prior Environmental Reports	**X**		**X**	
Other				**X**

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property identified as Gort, A California Limited Partnership, was not available to be interviewed at the time of the assessment. Mr. Kevin Robins, representative for the subject property owner, was not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User.

5.1.3 Interview with Key Site Manager

Mr. Caesar Perez , key site manager, indicated that he had no information pertaining to any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators and occupants were not conducted since information regarding the potential for contamination at the subject property was obtained from other sources.

5.1.5 Interview with Others

As the subject property is not an abandoned property as defined in ASTM 1527-13, interview with others were not performed.

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment.

5.2.2 Specialized Knowledge

No specialized knowledge of environmental conditions associated with the subject property was provided by the User at the time of the assessment.

5.2.3 Actual Knowledge of the User

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the User at the time of the assessment.

5.2.4 Valuation Reduction for Environmental Issues

No knowledge of valuation reductions associated with the subject property was provided by the User at the time of the assessment.

5.2.5 Commonly Known or Reasonably Ascertainable Information

The User did not provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment.

5.2.6 Previous Reports and Other Provided Documentation

The following information was provided to Partner for review during the course of this assessment:

Phase I Environmental Site Assessment, Professional Service Industries, Inc. (November 9, 1998)

Professional Service Industries, Inc. (PSI) prepared this report on behalf of Gort LTD., LP and USG Annuity & Life Company c/o ING Investment Management, LLC. The assessment was performed in accordance with ASTM Standard E1527-97. The assessment consisted of a site reconnaissance, interviews with knowledgeable personnel, review of historical information, and a review of federal, state and local regulatory databases. This assessment included an extra parcel to the west. Pertinent information contained in this report is summarized below:

- At the time of the 1998 assessment, the subject property consisted of two parcels of land totaling 12.21-acres in size and developed with an approximately 97,405 square-foot commercial building occupied by Fry's Electronics.
- According to the report, the subject property was formerly undeveloped land from as early as 1894; and developed as a dairy with associated residential structures and a store between circa-1928 and the early-1960s. By 1962, the subject property was redeveloped with the current commercial structure on the southern portion and Lockheed Martin (referred to as Plant A-1 South) occupied the property from 1969 to December 1995 for use as offices, a vehicle maintenance shop and parking. Additionally, a gasoline service station/automotive repair operation was developed on the northeastern portion of the subject property in 1962, which was acquired by Lockheed Martin in the mid-1960s and utilized as a gasoline service station/automotive repair operation for Lockheed fleet vehicles until closure in 1992. The subject property had been occupied by Fry's Electronics for retail use since at least 1995.
- Based on information provided in the report, this former operation included four (4) 12,000-gallon gasoline/diesel/tetrachloroethylene (PCE) USTs, one 550-gallon waste oil UST, one concrete 1,600-gallon clarifier and seven (7) dispensers. The UST containing PCE served as a central supply point for Lockheed's other plants in the Burbank area. The former gasoline service station/automotive repair operation was demolished in 1992 and the former underground storage tank (USTs) and clarifier were removed as part of the demolition. Additionally, other features including hydraulic lifts and storm drains were removed during this demolition under the supervision of the Burbank Fire Department. Following removal of the USTs and other associated

features of potential concern, a total of twenty-one soil samples were collected from the excavated areas. According to the analytical results, subsurface soil was found to be impacted with PCE, diesel fuel and hydraulic oil.

Between 1992 and 1995, seven (7) subsurface investigations were conducted at the subject property in relation to this reported release to the subsurface as a result of the former operations, and a total of 426 soil samples were collected from the former service station during this period. A total of 18 of the 426 soil samples contained concentrations of PCE above 1 mg/kg. As such, approximately 1,380 tons of PCE-impacted soil was excavated and removed from the subject property, and confirmation soil samples collected from the base and sidewalls of the excavation contained less than 150 ug/kg of PCE. As such, in a letter dated July 5, 1995, the California Regional Water Quality Control Board (RWQCB) issued a No Further Action status to the subject property and indicated the subject property had been remediated in accordance with Cleanup and Abatement Order No. 87-161. As such, PSI concluded the historical use of the subject property was not a REC.

PSI identified no RECs and recommended no further investigation.

Copies of pertinent pages reviewed are included in Appendix B of this report.

6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was sunny and clear. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

Site Assessment Data	
Site Assessment Performed By:	Claudia Cook
Site Assessment Conducted On:	April 16, 2020

The table below provides the subject property personnel interviewed during the field reconnaissance:

Site Visit Personnel for 2311 North Hollywood Way (Subject Property)			
Name	**Title/Role**	**Contact Number**	**Site Walk* Yes/No**
Mr. Cesar Perez	Store General Manager	(818) 524-0423	Yes

* Accompanied Partner during the field reconnaissance activities and provided information pertaining to the current operations and maintenance of the subject property

Environmental concerns were identified during the onsite reconnaissance related to indications of former subsurface investigations, etc., as further discussed in Sections 6.1 and 6.2.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

Solid waste generated at the subject property is disposed of in commercial dumpsters located on the southeastern section of the subject property on the subject property. An independent solid waste disposal contractor, Burbank Refuse, removes solid waste from the subject property. According to property personnel, only household and office-type trash is collected in the on-site solid waste dumpsters. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

Sanitary discharges on the subject property are directed into the municipal sanitary sewer system. The City of Burbank services the subject property vicinity. No wastewater treatment facilities or septic systems were observed or reported on the subject property.

6.1.3 Surface Water Drainage

Storm water is removed from the subject property primarily by sheet flow action across the paved surfaces towards storm water drains located throughout the subject property and in the public right of way. The subject property is connected to a municipal owned and maintained sewer system.

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Department of Agriculture; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons are located on the subject property. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

Heating and cooling systems as well as domestic hot water equipment are fueled by electricity and natural gas provided by Southern California Edison and the Southern California Gas Company. Heating and cooling are provided by HVAC packaged units. There are three pad-mounted units at grade along the east elevation of the building and ten units mounted on the roof. Cooling is provided by direct expansion and appears to utilize R-410A refrigerant while heating is provided by gas-fired heating coils. The car audio installation building contains one roof-mounted evaporative swamp cooler unit.

6.1.5 Wells and Cisterns

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

6.1.6 Wastewater

Domestic wastewater generated at the subject property is disposed by means of the sanitary sewer system. No industrial process is currently performed at the subject property.

6.1.7 Septic Systems

No septic systems were observed or reported on the subject property.

6.1.8 Additional Site Observations

Partner observed at least one groundwater monitoring well on the northeastern corner of the subject property. This well appeared to be in good operating condition. The site contact was unaware of the nature of the well and or current operations. This feature is further discussed in Sections 4.2.2 and 4.2.4.

6.2 Potential Environmental Hazards

6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

No evidence of the use of reportable quantities of hazardous substances was observed on the subject property. Small quantities of general maintenance supplies were found to be properly labeled and stored at the time of the assessment with no signs of leaks, stains, or spills. The storage and use of maintenance supplies does not appear to pose a significant threat to the environmental integrity of the subject property at this time.

6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)

No evidence of current or former ASTs or USTs was observed during the site reconnaissance.

6.2.3 Evidence of Releases

No spills, stains or other indications that a surficial release has occurred at the subject property were observed.

6.2.4 Polychlorinated Biphenyls (PCBs)

Older transformers and other electrical equipment could contain PCBs at a level that subjects them to regulation by the U.S. EPA. PCBs in electrical equipment are controlled by United States Environmental

Protection Agency regulations 40 CFR, Part 761. Under the regulations, there are three categories into which electrical equipment can be classified: 1) Less than 50 parts per million (ppm) of PCBs – "*Non-PCB;*" 2) 50 ppm-500 ppm – "*PCB-Contaminated;*" and, 3) Greater than 500 ppm – "*PCB-Containing.*" The manufacture, process, or distribution in commerce or use of any PCB in any manner other than in a totally enclosed manner was prohibited after July 2, 1979.

The on-site reconnaissance addressed indoor and outdoor transformers that may contain PCBs. Two pad-mounted transformers, and three dry interior transformers were observed on the subject property. The transformers are not labeled indicating PCB content. No staining or leakage was observed in the vicinity of the transformers. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

The subject property is equipped with three dock levelers along the cargo loading bay on the southeastern corner of the subject property. The levelers appear to be in good condition, undergoing annual inspections and repairs by the ownership, with no signs of leaks or staining; therefore, they are not expected to represent a significant environmental concern.

Additionally, no other potential PCB-containing equipment (interior transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, balers, etc.) was observed on the subject property during Partner's reconnaissance.

6.2.5 Strong, Pungent or Noxious Odors

No strong, pungent or noxious odors were evident during the site reconnaissance.

6.2.6 Pools of Liquid

No pools of liquid were observed on the subject property during the site reconnaissance.

6.2.7 Drains, Sumps and Clarifiers

No drains, sumps, or clarifiers, other than those associated with storm water removal, were observed on the subject property during the site reconnaissance.

6.2.8 Pits, Ponds and Lagoons

No pits, ponds or lagoons were observed on the subject property.

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The

Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be presumed to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building that have not been appropriately tested are "presumed asbestos-containing material" (PACM).

The subject property buildings were constructed in 1962. A limited, visual evaluation of accessible areas for the presence of suspect ACMs at the subject property was conducted. The objective of this visual survey was to note the presence and condition of suspect ACM observed. Please refer to the table below for identified suspect ACMs:

Suspect ACMs

Suspect ACM	Location	Friable Yes/No	Physical Condition
Drywall Systems	Throughout Building Interior	No	Good
Floor Tiles	Throughout Building Interior	No	Good
Floor Tile Mastic	Throughout Building Interior	No	Good

The limited visual survey consisted of noting observable materials (materials which were readily accessible and visible during the course of the site reconnaissance) that are commonly known to potentially contain asbestos. This activity was not designed to discover all sources of suspect ACM, PACM, or asbestos at the site; or to comply with any regulations and/or laws relative to planned disturbance of building materials such as renovation or demolition, or any other regulatory purpose. Rather, it is intended to give the User an indication if significant (significant due to quantity, accessibility, or condition) potential sources of ACM or PACM are present at the subject property. Additional sampling, assessment, and evaluation will be warranted for any other use.

Partner was not provided building plans or specifications for review, which may have been useful in determining areas likely to have used ACM.

According to the US EPA, ACM and PACM that is intact and in good condition can, in general, be managed safely in-place under an Operations and Maintenance (O&M) Program until removal is dictated by renovation, demolition, or deteriorating material condition. Prior to any disturbance of the construction materials within this facility, a comprehensive ACM survey is recommended.

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm^2 (or 5,000 ug/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X", to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

Based on the age of the subject property buildings (pre-1978), there is a potential that LBP is present. Interior and exterior painted surfaces were observed in good condition and therefore not expected to represent a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated.

Actual material samples would need to be collected in order to determine if LBP is present.

6.3.3 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

EPA Radon Zones		
EPA Zones	**Average Predicted Radon Levels**	**Potential**
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 2. Based upon the radon zone classification, radon is not considered to be a significant environmental concern.

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the Burbank Department of Public Works and Engineering serves the subject property vicinity. The sources of public water for Burbank are surface water purchased from the Metropolitan Water District (MWD) that received its water from the Northern Sierra Mountains in California and the Colorado River. According to the Burbank and the 2018 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 Mold

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g.in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

Partner observed accessible, interior areas for the subject property buildings for significant evidence of mold growth with the exceptions detailed in Section 1.5 of this report; however, this ESA should not be

used as a mold survey or inspection. Additionally, this limited assessment was not designed to assess all areas of potential mold growth that may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

No obvious indications of water damage or mold growth were observed during Partner's visual assessment.

6.4 Adjacent Property Reconnaissance

The adjacent property reconnaissance consisted of observing the adjacent properties from the subject property premises.

6.4.1 PCBs

Two pole-mounted transformers and at least three pad-mounted transformers were observed on the adjacent properties. No staining or leakage was observed in the vicinity of the transformers. Based on these observations, the presence of adjacent transformers is not expected to represent a significant environmental concern.

No additional items of environmental concern were identified on the adjacent properties during the site assessment, including hazardous substances, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation, or any other potential environmental hazards

7.0 FINDINGS AND CONCLUSIONS

Findings

A *recognized environmental condition (REC)* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment. The following was identified during the course of this assessment:

- The subject property is located within the boundaries of the Burbank Operable Unit (BOU) of the San Fernando Valley North Hollywood National Priorities List (NPL) site, an area of known groundwater contamination. Constituents of Concern (COCs) that have been identified include semi-volatile organic compounds (SVOCs), Volatile Organic Compounds (VOCs) and chromium. The subject property was one of many sites investigated by RWQCB and USEPA as a potential responsible party (PRP) of the groundwater contamination. On July 6, 1995 a letter was issued to Lockheed by RWQCB indicating the subject property would no longer be under investigation for potential groundwater contamination for VOCs and the subject property (former Lockheed Plant A-1 South) and current ownership (Gort Limited) were noted to be excluded from the requirements of the Cleanup and Abatement Order No. 87-161, which is associated with the cleanup of several Lockheed plants in the Burbank area.

  Former site occupant, Lockheed Martin, monitors groundwater within the BOU to comply with the provisions of a USEPA Consent Decree (#91-4527-MRP) filed March 1992, and the CRWQCB Cleanup and Abatement Order (#87-161) dated December 1987. As part of the NPL investigation, two groundwater monitoring wells, A-1-CW04 and A-1-CW09, were installed in the north and northeast portion of the subject property, respectively. A third well, monitoring well A-1-CW05 was co-located with monitoring well A-1-CW04 at a later date. Partner contacted Ms. Anita Fang with CRWQCD regarding the most recent groundwater monitoring results on file with the agency for the BOU. A review of an Annual Groundwater Monitoring Report, Second Quarter 2017 Burbank Operable Unit, provided by Ms. Fang indicates 1,2,3 Trichloropropane (1,2,3 TCP), 1,4 Dioxane, various other VOCs (including Tetrachloroethylene (PCE) and Trichloroethene (TCE), hexavalent chromium and chromium were detected in the onsite wells at levels above the reporting limit (RL), with an increasing trend of 1,2,3 TCP concentrations. Chromium was detected in well A-1-CW04 at 0.88 ug/L which exceeds the Maximum Contaminant Level (MCL).

  Lockheed Martin has conducted groundwater monitoring of the onsite wells since approximately 1996 and has been identified as a potential contributor to the regional groundwater contamination. As discussed, the current property owner (Gort, Ltd) has not been identified as a potential responsible party (PRP) and it is unlikely the subject property owner would be responsible for future remediation activities since NFA was issued in 1995. Furthermore, based on the depth to groundwater, review of the most recent groundwater analytical results, and commercial usage of the subject property, a vapor intrusion condition (VIC) is unlikely to exist at the subject property. The location of the subject property within the Burbank Operable Unit of the

San Fernando Valley NPL investigation, the identification of a former site occupant as a potential contributor to the regional impact, and the reported VOC and chromium groundwater contamination identified in onsite wells is considered a REC for the subject property; however, based on the lack of an apparent VIC and issuance of an NFA letter with regards to the former subject property operations, Partner recommends no further investigation at this time with regards to this regional groundwater contamination case.

A *controlled recognized environmental condition (CREC)* refers to 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, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. The following was identified during the course of this assessment:

- Based on review of historical sources, by 1962, the subject property was redeveloped with the current commercial structure on the southern portion and Lockheed Martin (referred to as Plant A-1 South) occupied the property from 1969 to December 1995 for use as offices, a vehicle maintenance shop and parking. Additionally, a gasoline service station/automotive repair operation was developed on the northeastern portion of the subject property in 1962, which was acquired by Lockheed Martin in the mid-1960s and utilized as a gasoline service station/automotive repair operation for Lockheed fleet vehicles until closure in 1992. The subject property has been occupied by Fry's Electronics for retail use since at least 1995.

  The subject property at 2311 North Hollywood Way was identified in the regulatory database report under the names Lockheed Martin, Gort Limited and Fry's Electronics. Based on information provided in a previous Phase I ESA report (PSI, 1998) and from a file review, this former operation included four (4) 12,000-gallon gasoline/diesel/tetrachloroethylene (PCE) USTs, one 550-gallon waste oil UST, one concrete 1,600-gallon clarifier and seven (7) dispensers. The UST containing PCE served as a central supply point for Lockheed's other plants in the Burbank area. The former gasoline service station/automotive repair operation was demolished in 1992 and the former underground storage tank (USTs) and clarifier were removed as part of the demolition. Additionally, other features including hydraulic lifts and storm drains were removed during this demolition under the supervision of the Burbank Fire Department. Following removal of the USTs and other associated features of potential concern, a total of twenty-one soil samples were collected from the excavated areas. According to the analytical results, subsurface soil was found to be impacted with PCE, diesel fuel and hydraulic oil.

  Between 1992 and 1995, seven (7) subsurface investigations were conducted at the subject property in relation to this reported release to the subsurface as a result of the former operations, and a total of 426 soil samples were collected from the former service station during this period. The 1992 subsurface investigation included 78 soil borings to depths of 10 to 40 feet bgs, and soil samples collected from varying intervals were analyzed for VOCs, PCBs, and TPH. According to the analytical results, TPH impacts were generally confined to the upper 10 feet of soil. Elevated VOC impacts were also generally limited to the upper 10 feet of soil, with one boring noting PCE

impacts extending to 25 feet bgs. In 1993, a Soil Gas Survey was conducted on the subject property to further evaluate the extent of the subsurface impacts. A total of 181 soil-gas samples were collected from 159 locations across the subject property at depths ranging from 5 to 25 feet bgs, and the samples were analyzed for VOCs. According to the analytical results, twelve of the sample collected from the 5-foot depth contained PCE in excess of 0.1 mg/L, with one sample exceeding 1.0 mg/L. None of the samples collected from the 20-foot depth contained concentrations of PCE above 1.0 mg/L. Additional site characterization was conducted in 1994/1995 which included additional soil borings and sampling and additional soil vapor sampling. A total of 18 of the 426 soil samples contained concentrations of PCE above 1 mg/kg.

Based on review of the Final Soil Remediation Report dated May 22, 1995 by Lockheed Martin Corporation, approximately 1,380 tons of PCE- and diesel/oil-impacted soil was excavated and removed from the subject property. Following removal, a total of 109 confirmation soil samples were collected from the base and sidewalls of the excavation and analyzed for VOCs, TPH, and lead. According to the analytical results, the confirmation soil samples all contained less than 150 ug/kg of PCE. As such, the excavations were backfilled with approved clean fill, and a request for closure was submitted with the report. Based on review of the 1995 final soil remediation report, in a letter dated July 5, 1995, the California Regional Water Quality Control Board (RWQCB) issued a No Further Action status to the subject property and indicated the subject property had been remediated in accordance with Cleanup and Abatement Order No. 87-161. As such, the subject property (former Lockheed Plant A-1 South) and current ownership (Gort Limited) were noted to be excluded from the requirements of the Cleanup and Abatement Order No. 87-161, which is associated with the cleanup of several Lockheed plants in the Burbank area. Based on the regulatory closure with residual PCE-impacted soil left in place, the historical usage of the subject property and associated closed release case are considered a CREC for the subject property. As such, prior to any redevelopment activities and due to the presence of residual PCE-impacted soil in the subsurface, Partner recommends a soil vapor survey be conducted to evaluate potential vapor intrusion issues for any future onsite buildings. Additionally, if the redevelopment plan includes subterranean levels, Partner recommends implementing a Soil Management Plan (SMP).

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The following was identified during the course of this assessment:

- Partner did not identify any HRECs during the course of this assessment.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion. The following was identified during the course of this assessment:

- Due to the age of the subject property buildings, there is a potential that asbestos-containing material (ACM) and/or lead-based paint (LBP) are present. Readily visible suspect ACMs and painted surfaces were observed in good condition. The identified suspect ACMs and LBPs would need to be sampled to confirm the presence or absence of asbestos or lead prior to any renovation or demolition activities to prevent potential exposure to workers and/or building occupants.

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 2311 North Hollywood Way in Burbank, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of a REC, CREC and environmental issue in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- Prior to any redevelopment activities and due to the presence of residual PCE-impacted soil in the subsurface, Partner recommends a soil vapor survey be conducted to evaluate potential vapor intrusion issues for any future onsite buildings. Additionally, if the redevelopment plan includes subterranean levels, Partner recommends implementing a Soil Management Plan (SMP).
- An Operations and Maintenance (O&M) Program should be implemented in order to safely manage the suspect ACMs and LBP located at the subject property.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 2311 North Hollywood Way in Burbank, Los Angeles County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares 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. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:



Claudia Cook
Environmental Professional



Louis Mowers
Environmental Scientist

Reviewed By:



David Boyce
Senior Author

9.0 REFERENCES

Reference Documents

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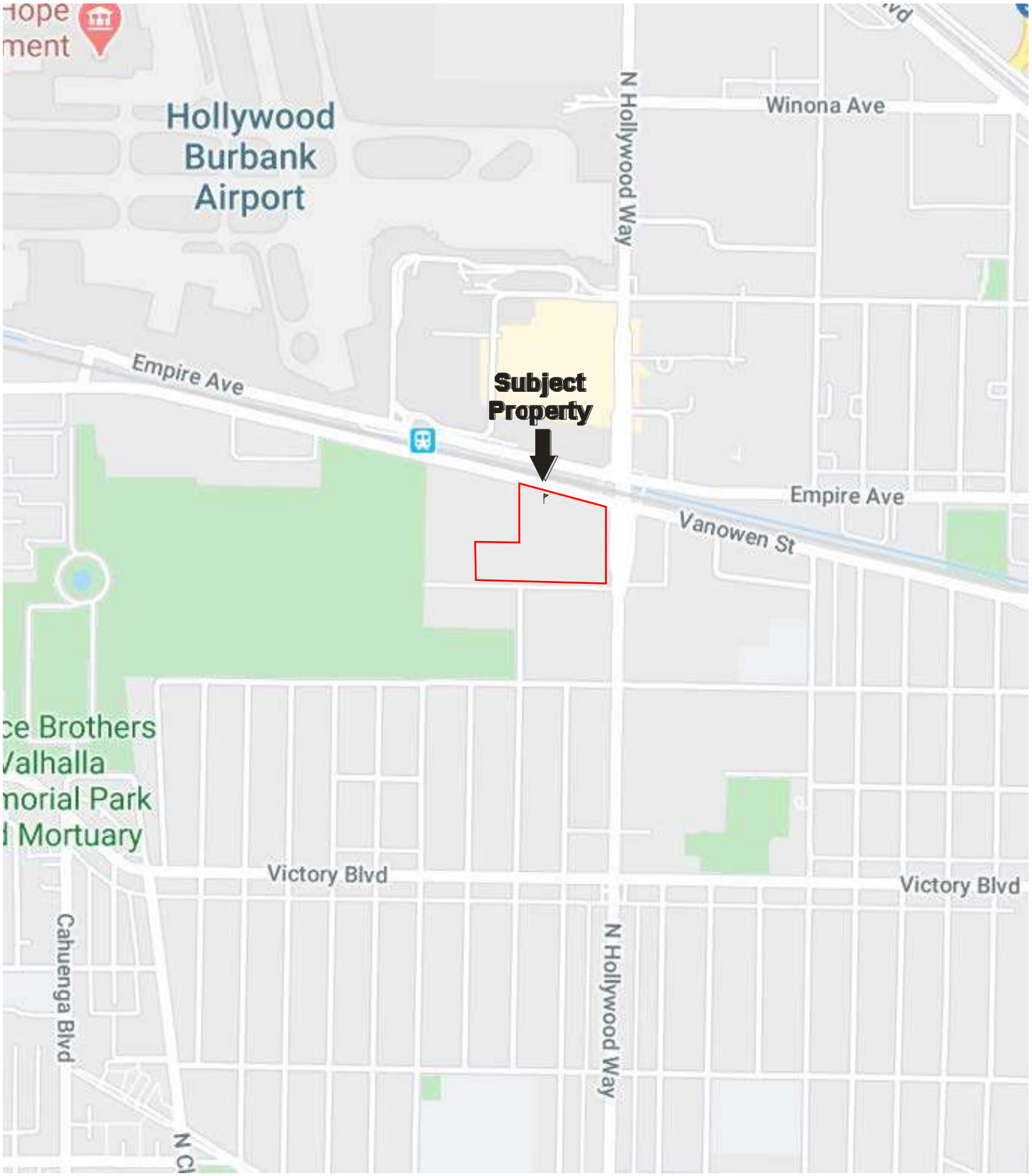
United States Geological Survey Topographic Map 1995, 7.5-minute series, accessed via internet, April 2020

FIGURES

1 SITE LOCATION MAP

2 SITE PLAN

3 TOPOGRAPHIC MAP



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Drawing Not To Scale

KEY:
Subject Property

FIGURE 1: SITE LOCATION MAP
Project No. 20-279443.1

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GROUNDWATER FLOW

GW Monitoring Well

KEY:
Subject Property

FIGURE 2: SITE PLAN
Project No. 20-279443.1

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USGS 7.5 Minute *Burbank, California* Quadrangle
Created: 2012

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Subject Property

FIGURE 3: TOPOGRAPHIC MAP
Project No. 20-279443.1

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APPENDIX A: SITE PHOTOGRAPHS



1. View of the northern side of the subject property, facing southwest on Vanowen Street



2. View of the western side of the subject property, facing south from the parking lot



3. View of the eastern side of the subject property, facing north from Valhalla Drive



4. View of the southern side of the subject property, facing northeast from Valhalla Drive



5. View of the subject property electrical panels



6. View of the inoperable automotive stereo installation garage



7. View of a typical storm water drain



8. View of the southeastern corner of the subject property loading and distribution area



9. View of the subject property parking lot



10. View of the groundwater monitoring well on the northeastern corner of the subject property



11. View of the entrance to the subject property



12. View of the checkout area of the subject property



13. View of the internals of the electrical panel



14. View of a not in use air compressor within the automotive stereo installation garage



15. View of the automotive stereo installation garage



16. View of the main floor area of the subject property



17. View of an employee breakroom



18. View of the central data center and fire sprinkler computer equipment



19. View of the maintenance closet



20. View of the subject property restroom area



21. View of the three leveling docks on the subject property



22. View of the subject property café area



23. View of a typical dry-transformer in the subject property



24. View of the two outdoor pad-mounted transformers



25. View of the northern adjacent property



26. View of the western adjacent property



27. View of the eastern adjacent property



28. View of the southwestern adjacent property



29. View of the southern adjacent property



30. View of the southeastern adjacent property

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION



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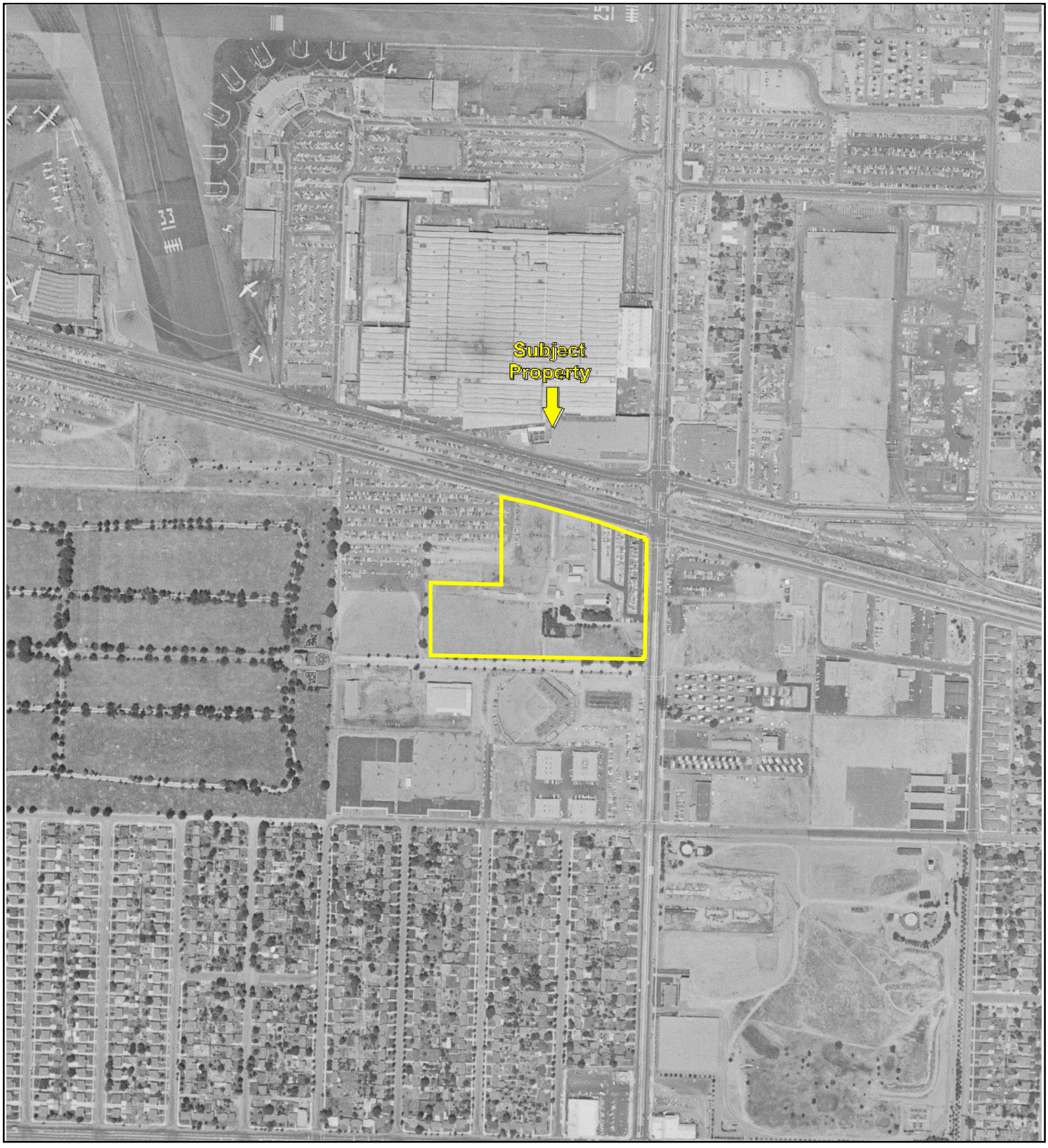
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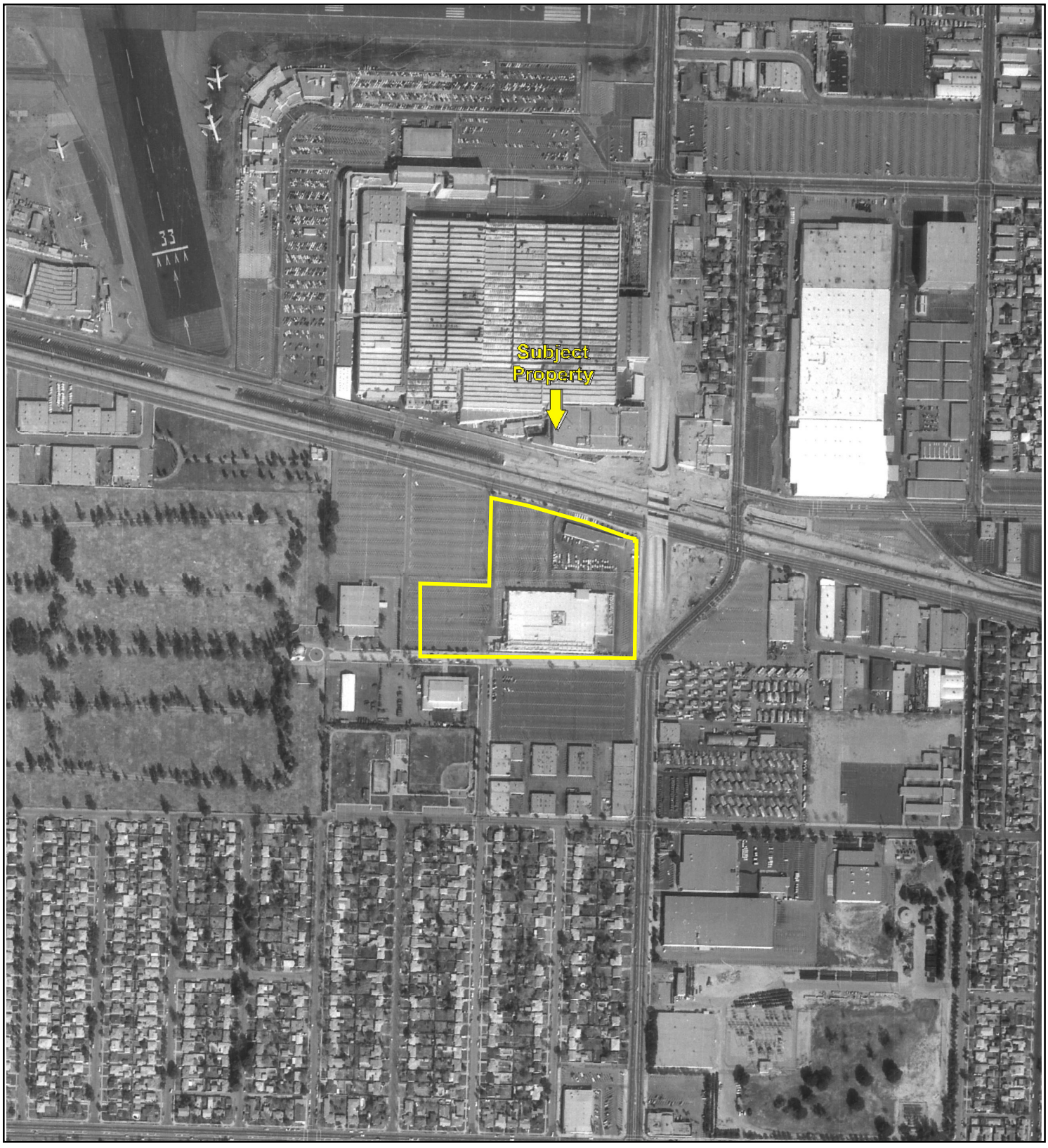
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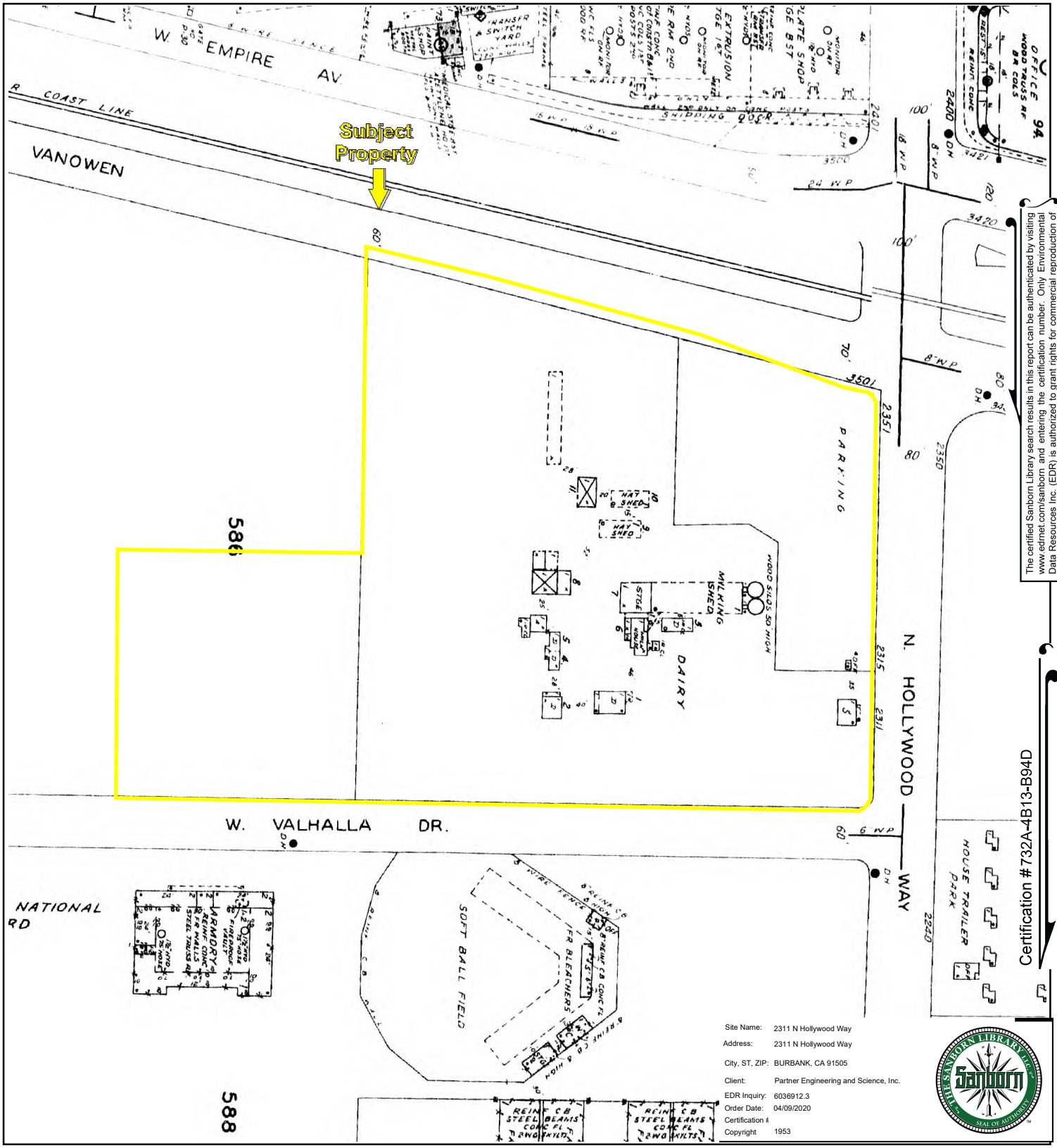
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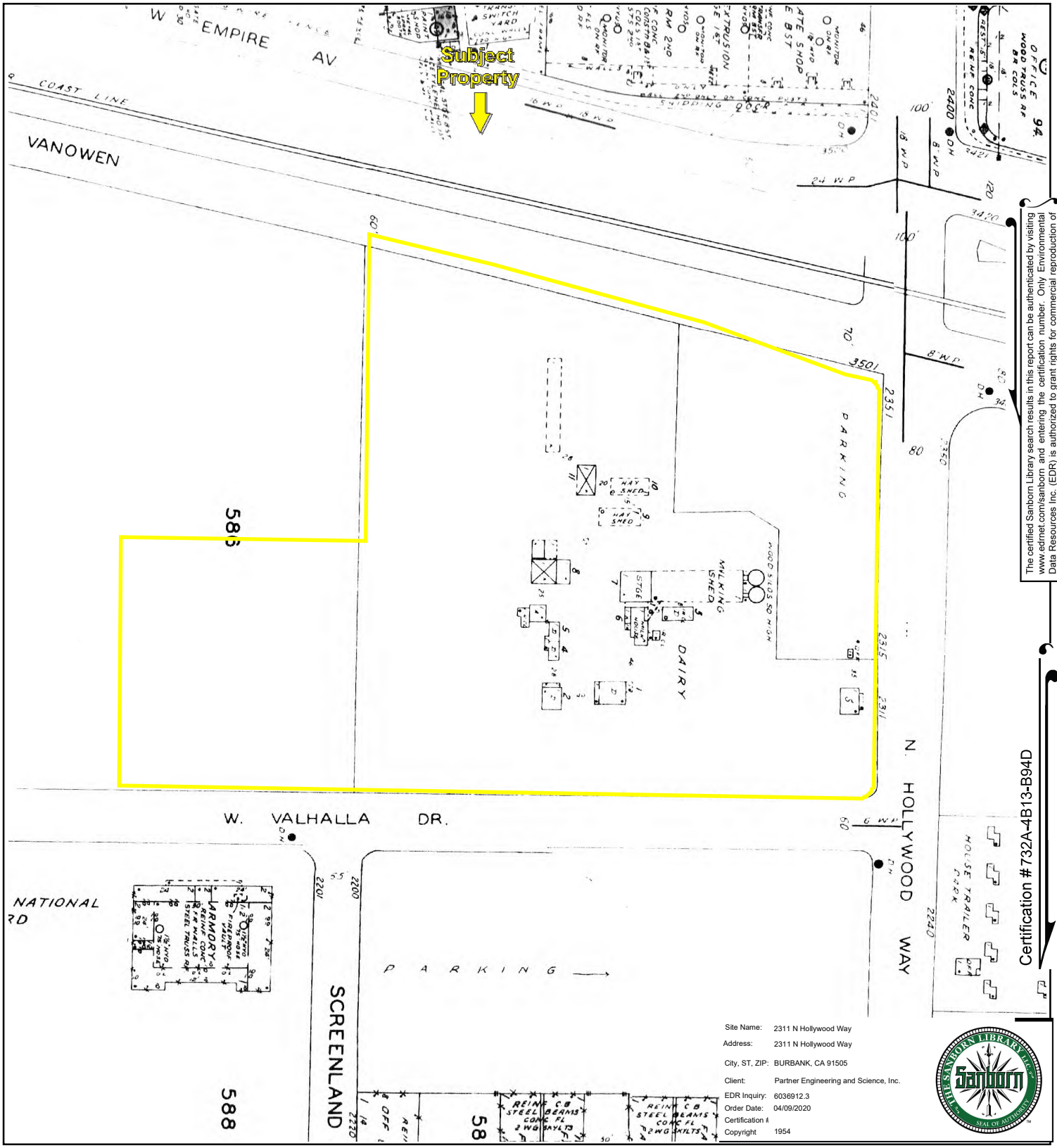
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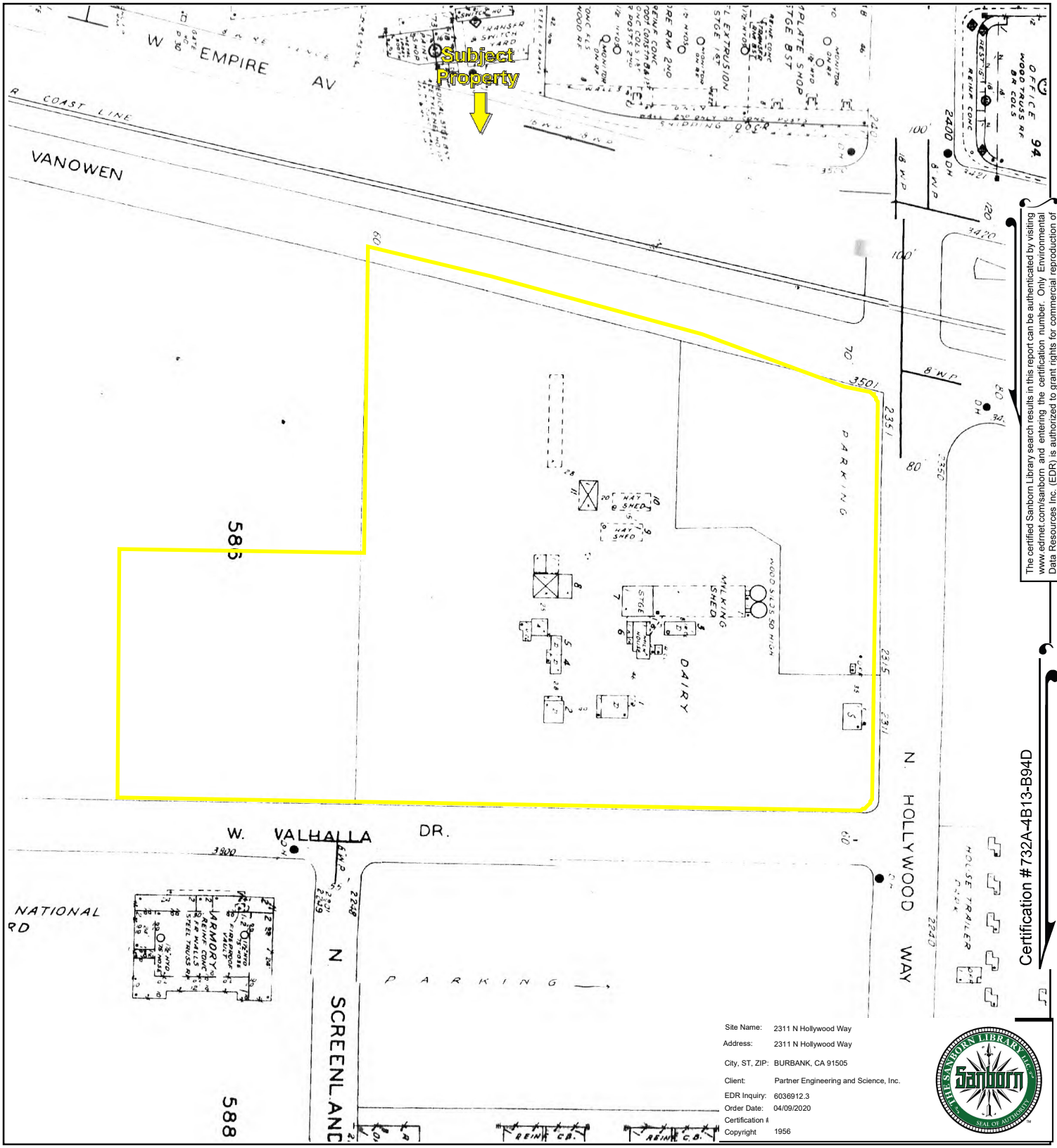
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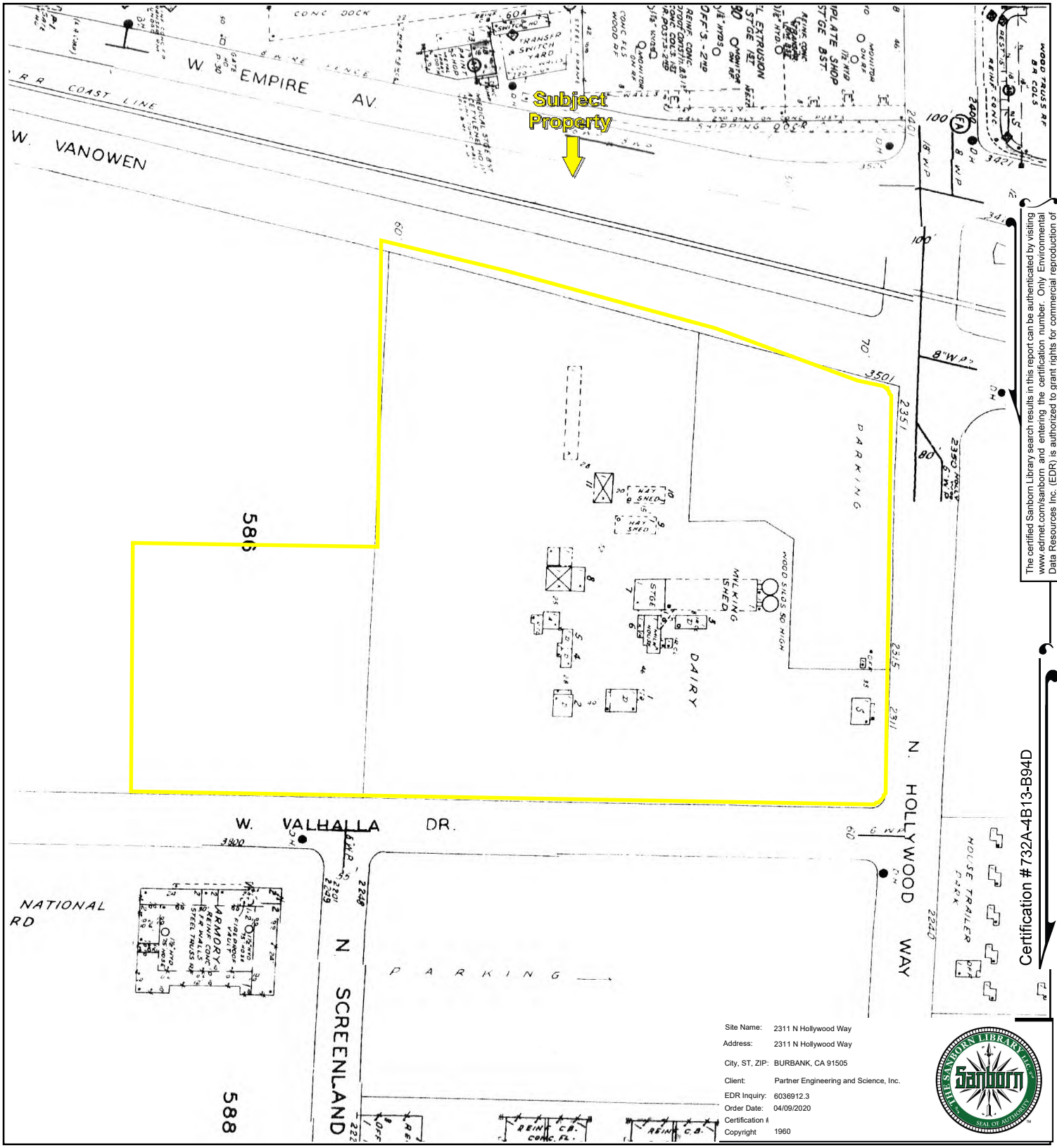
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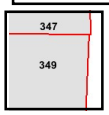
APPENDIX B: Certified Sanborn Maps
Project No. 20-279443.1

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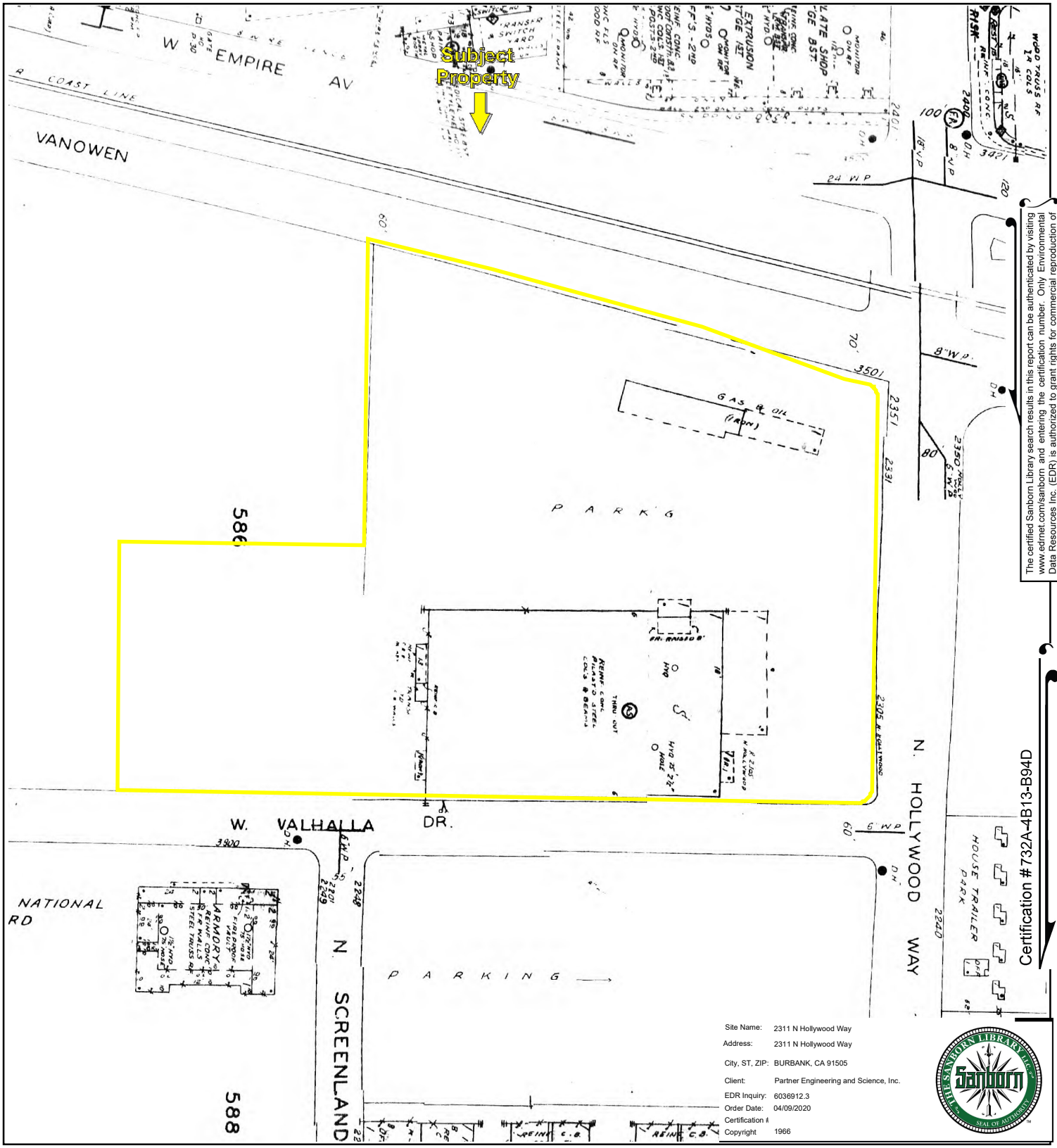
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APPENDIX B: Certified Sanborn Maps
Project No. 20-279443.1



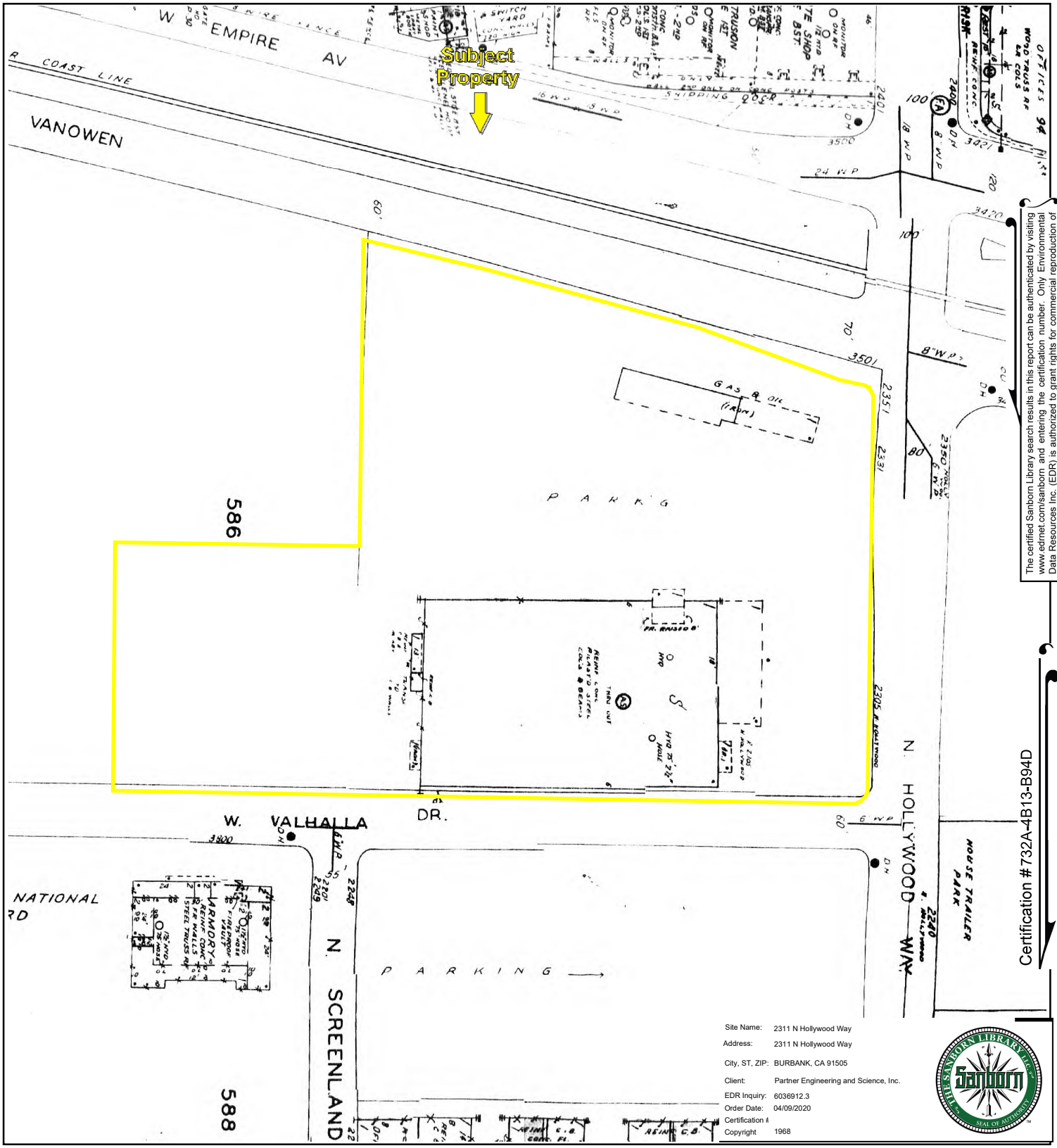
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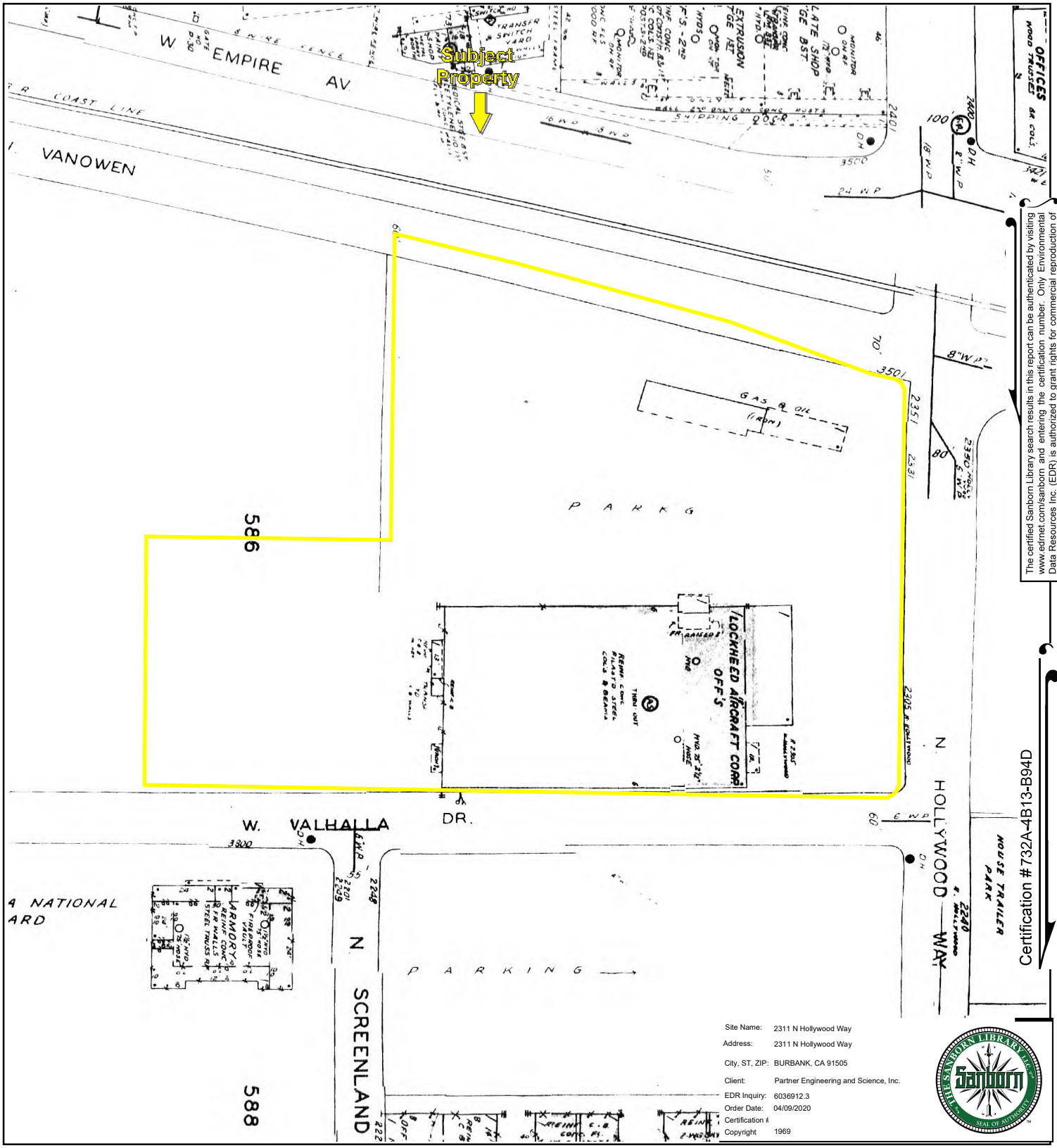
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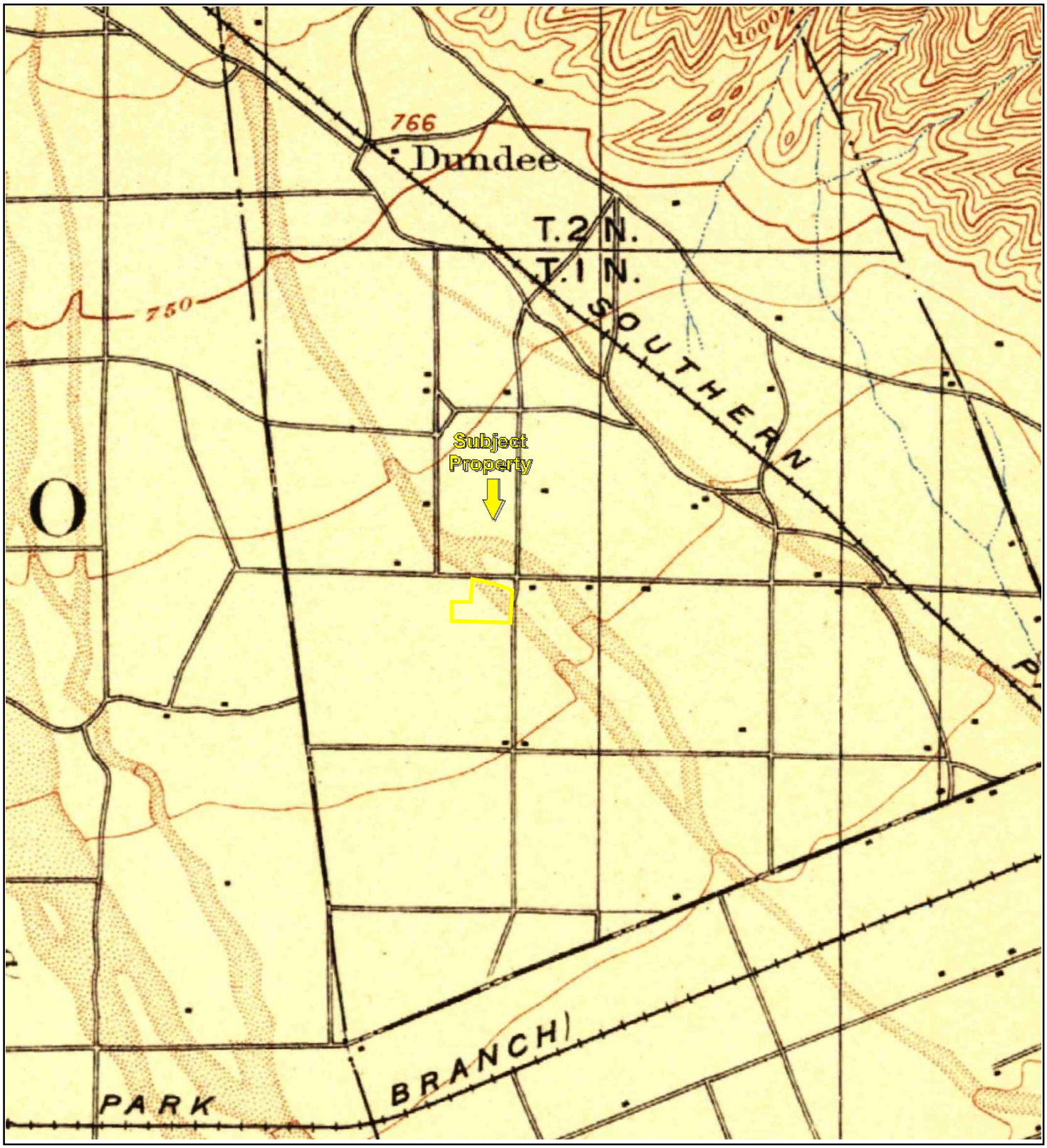
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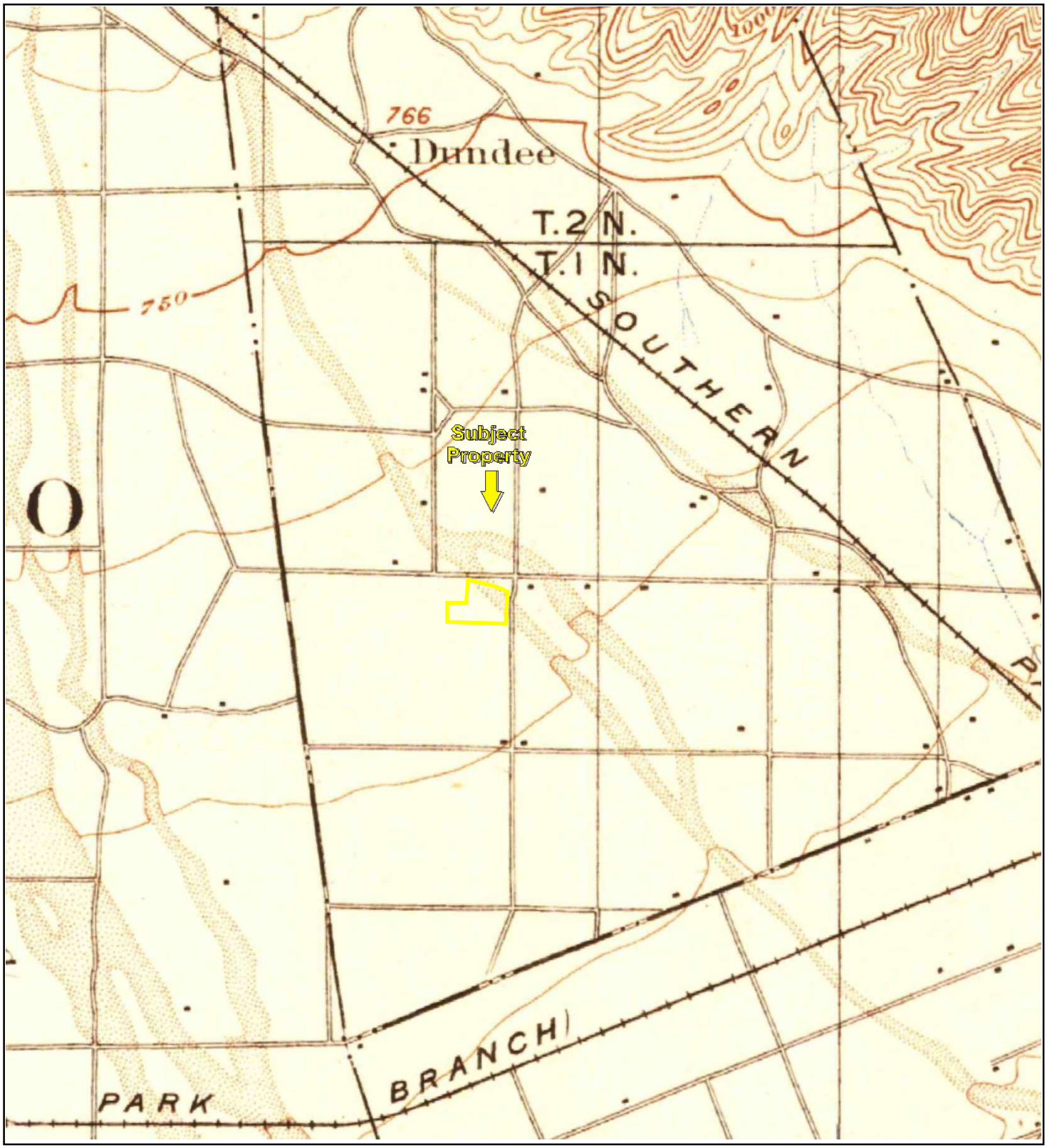


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N

Key: Subject Property

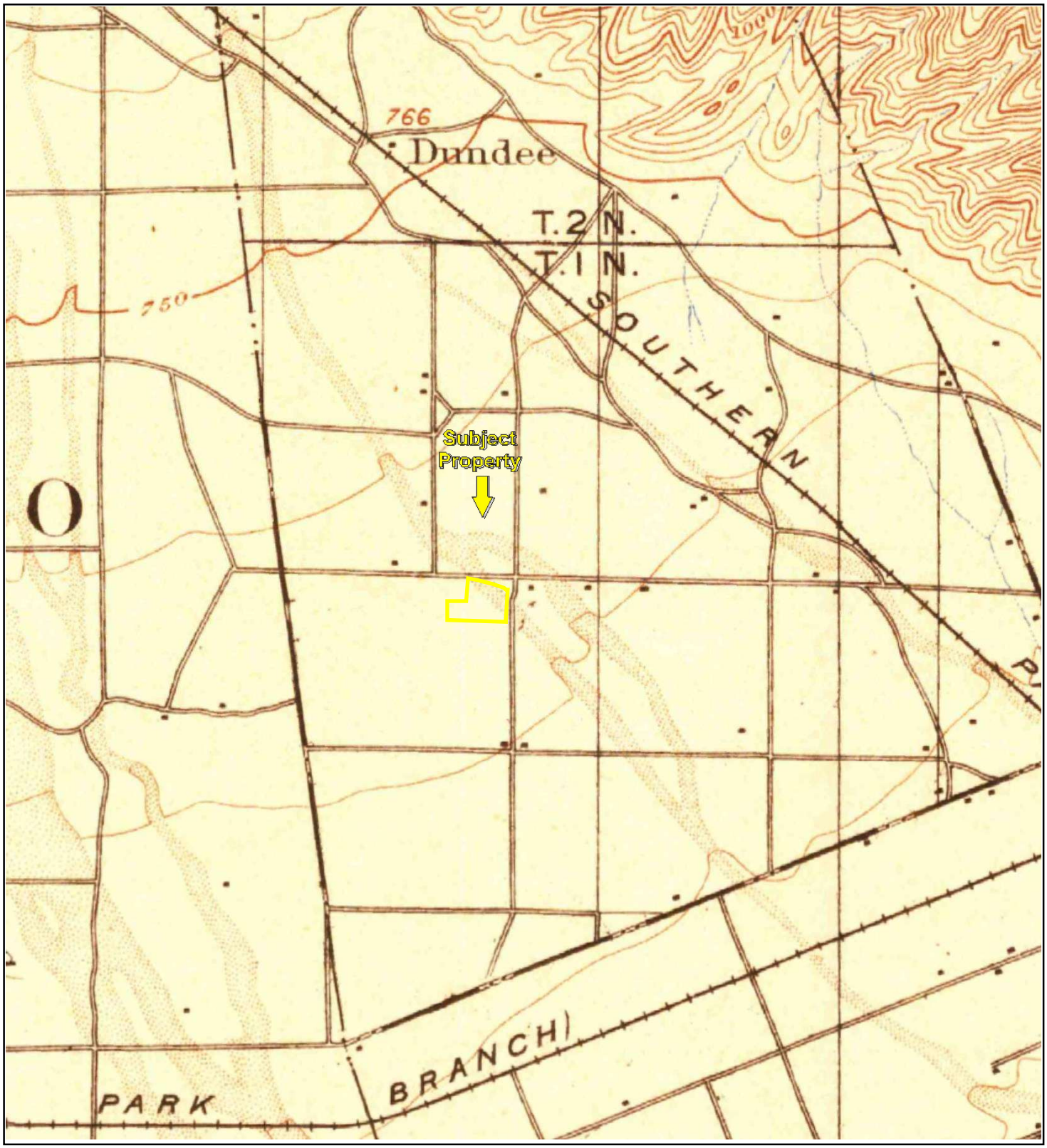


TP, Santa Monica, 1896, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

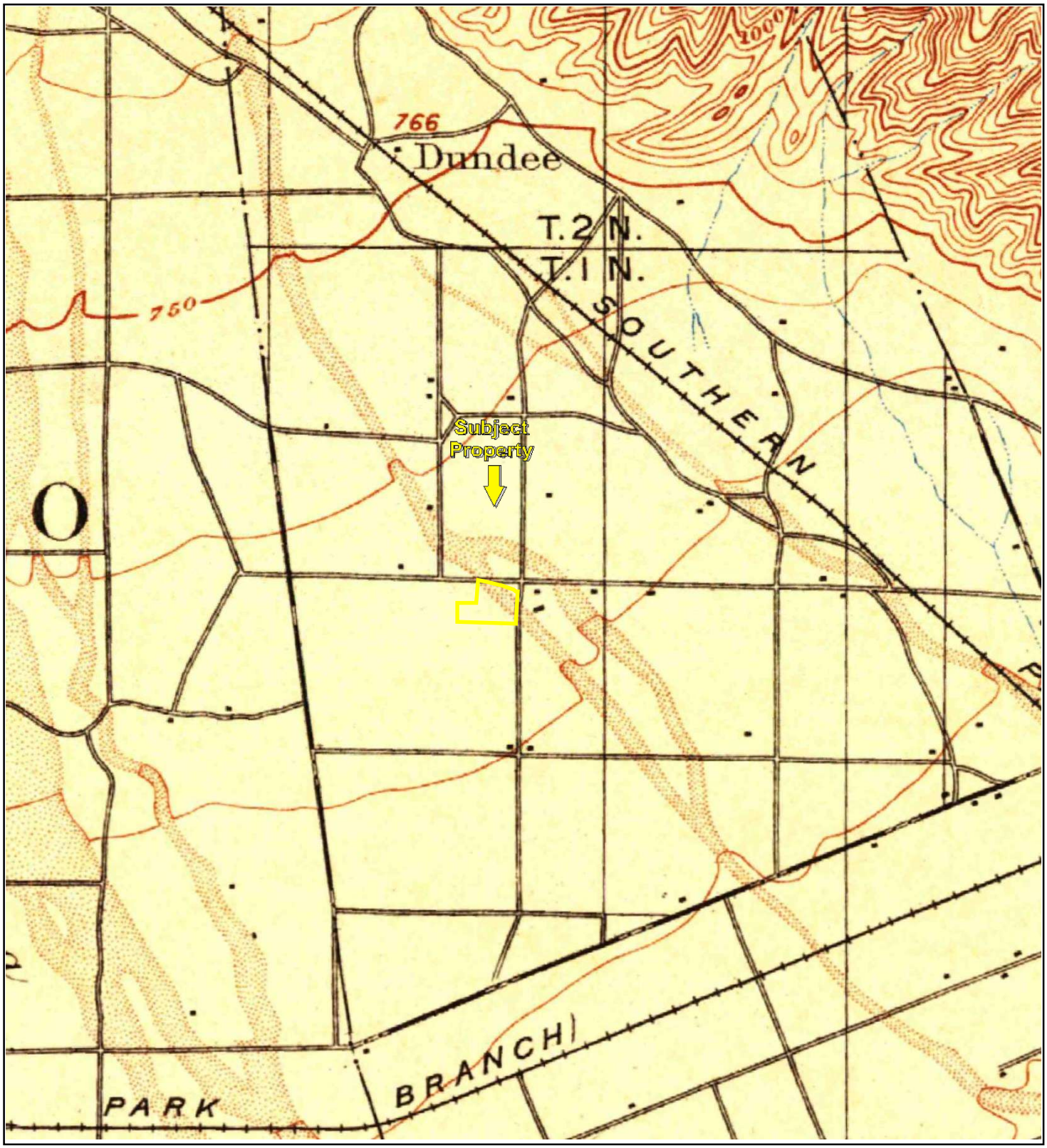


TP, Santa Monica, 1898, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

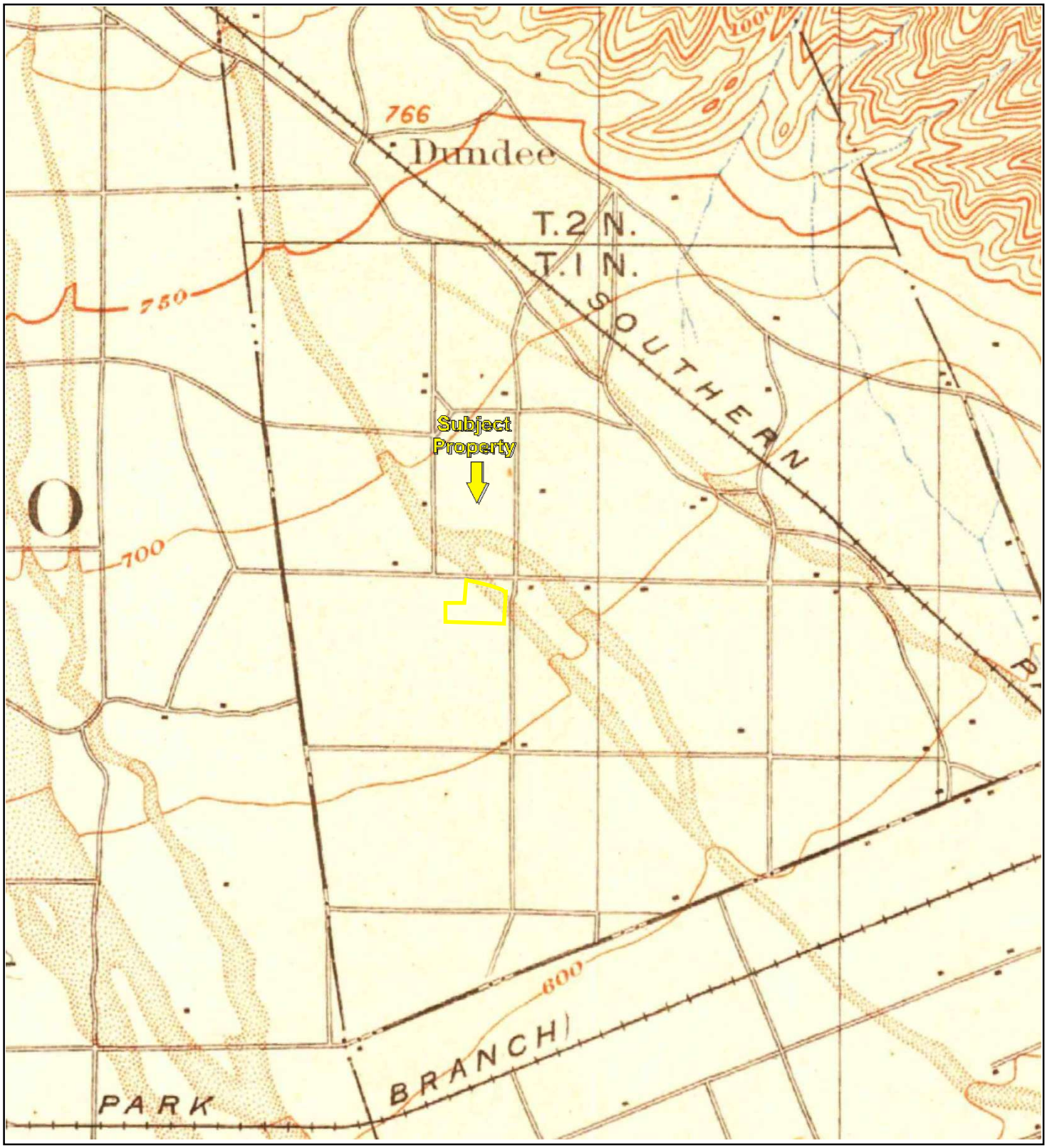


TP, Los Angeles, 1900, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property



TP, Santa Monica, 1902, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property



TP, SANTA MONICA, 1920, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property



TP, Santa Monica, 1921, 15-minute

0 Miles 0.25 0.5 1 1.5

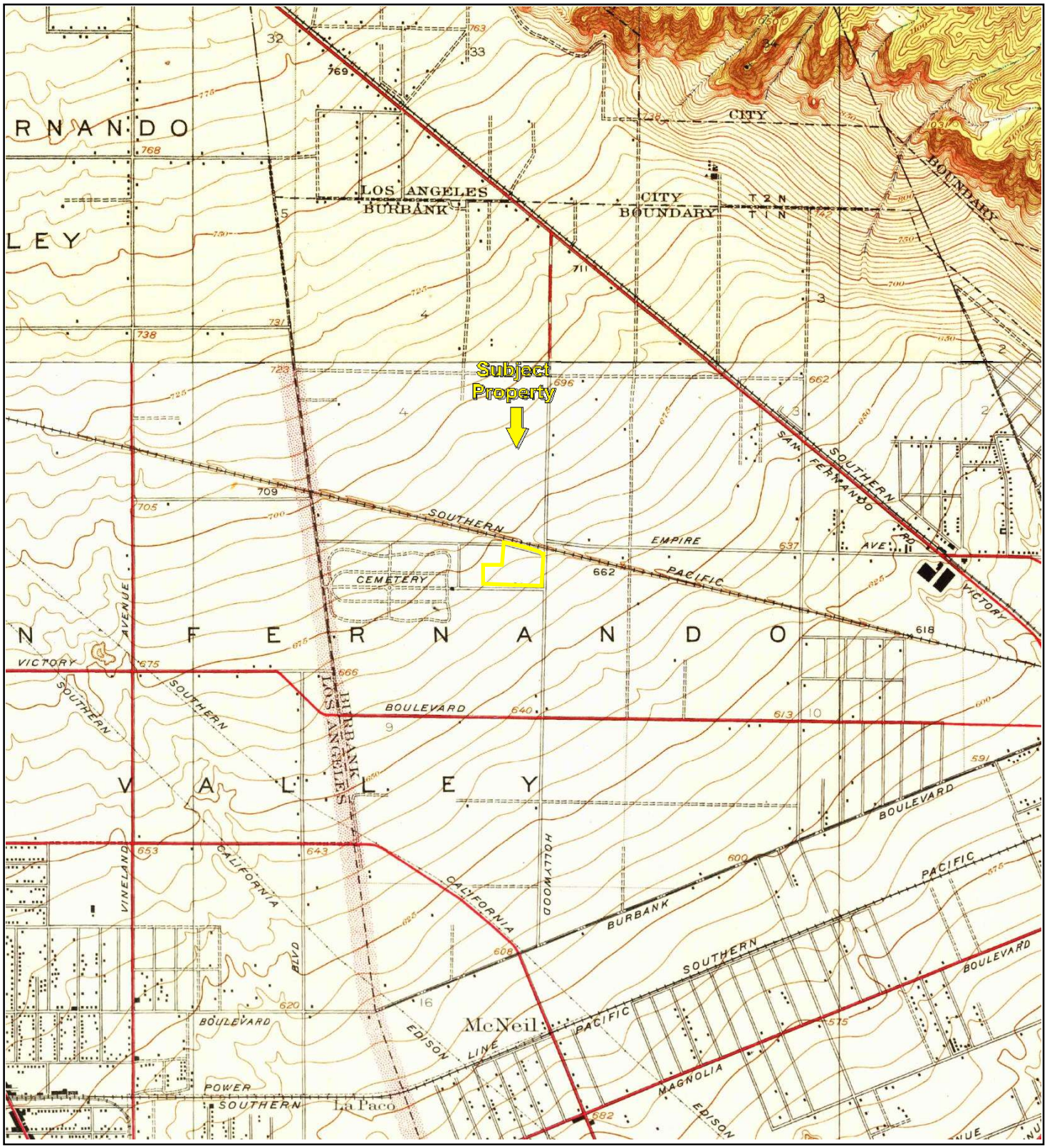
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 20-279443.1

PARTNER

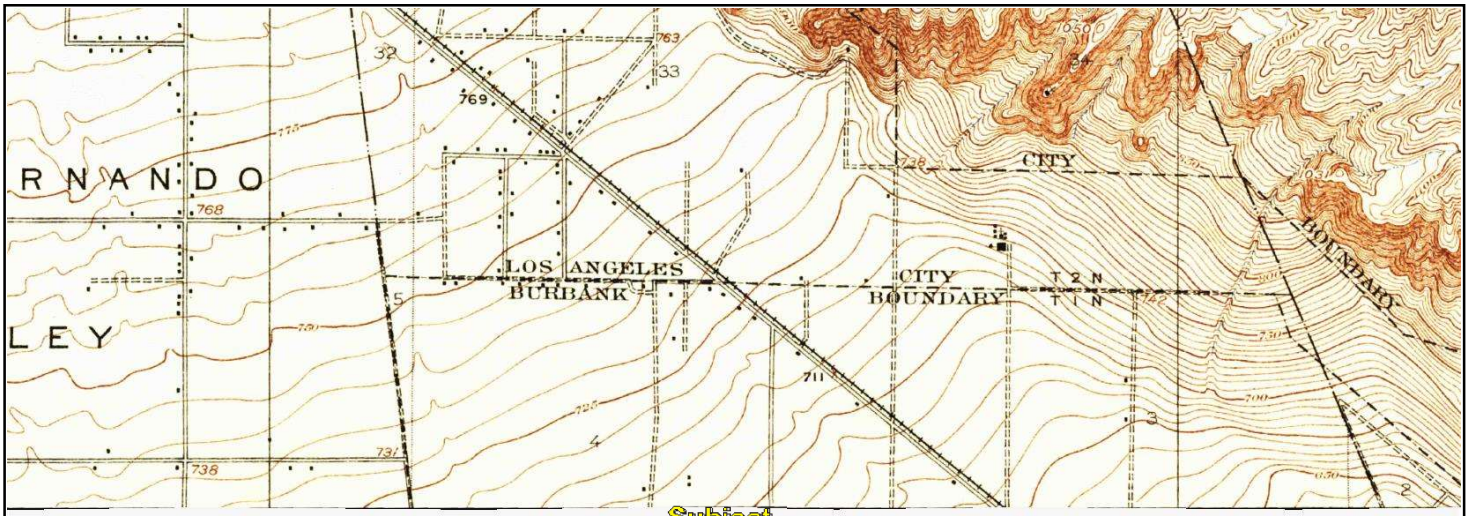


TP, Burbank, 1926, 7.5-minute
N, Sunland, 1926, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

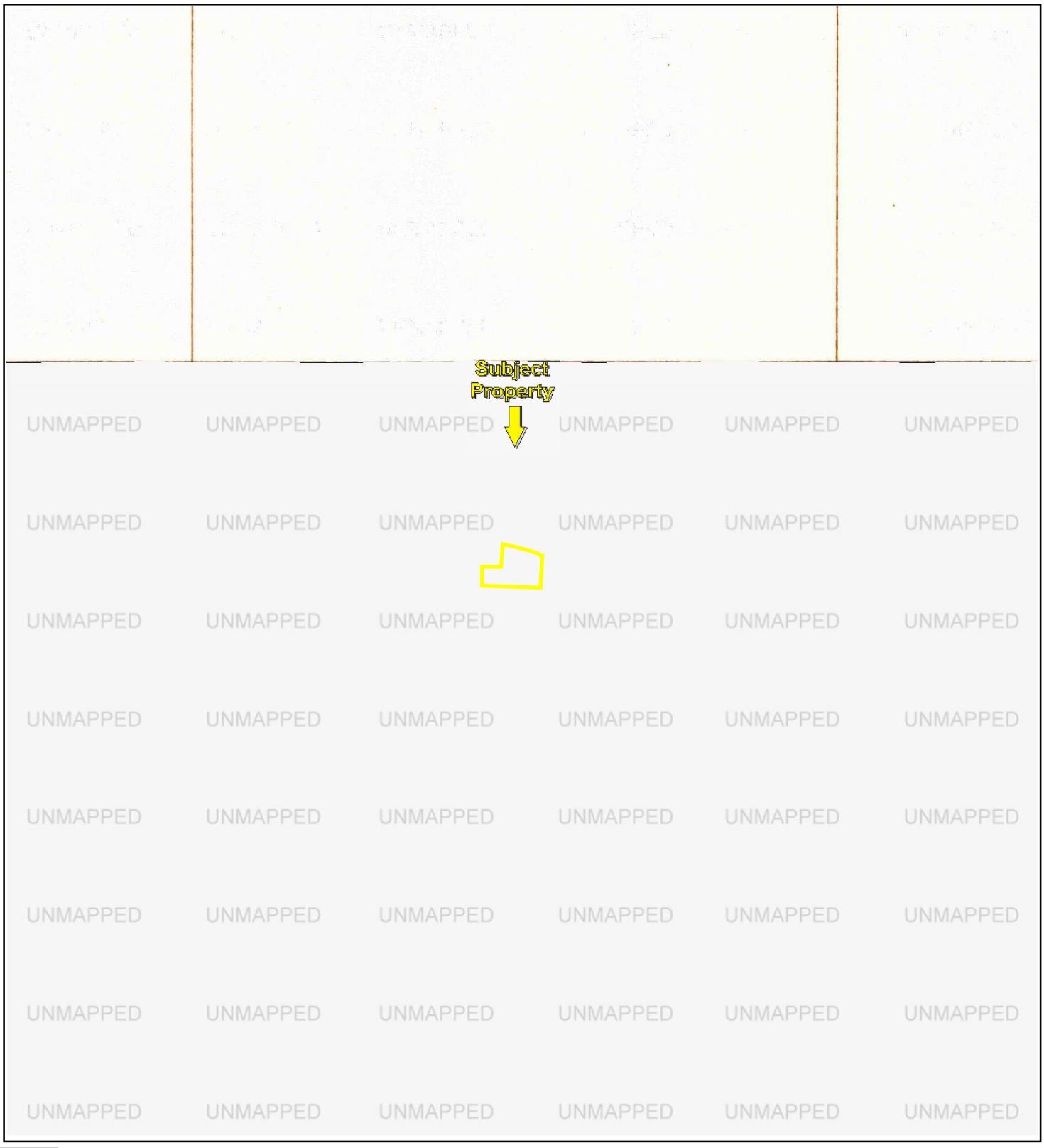


UNMAPPED

N, Sunland, 1932, 7.5-minute

0 Miles 0.25 0.5 1 1.5

Key: Subject Property



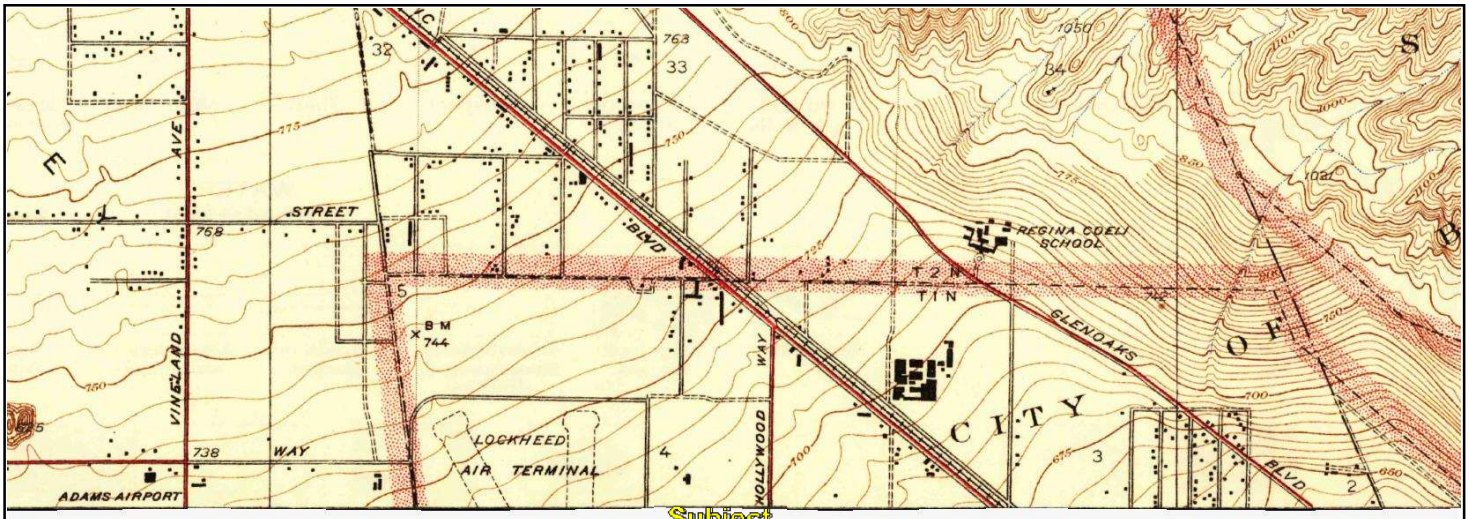
N, Sunland, 1933, 7.5-minute

0 Miles 0.25 0.5 1 1.5

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 20-279443.1



Subject Property

UNMAPPED

N, Sunland, 1942, 7.5-minute

0 Miles 0.25 0.5 1 1.5

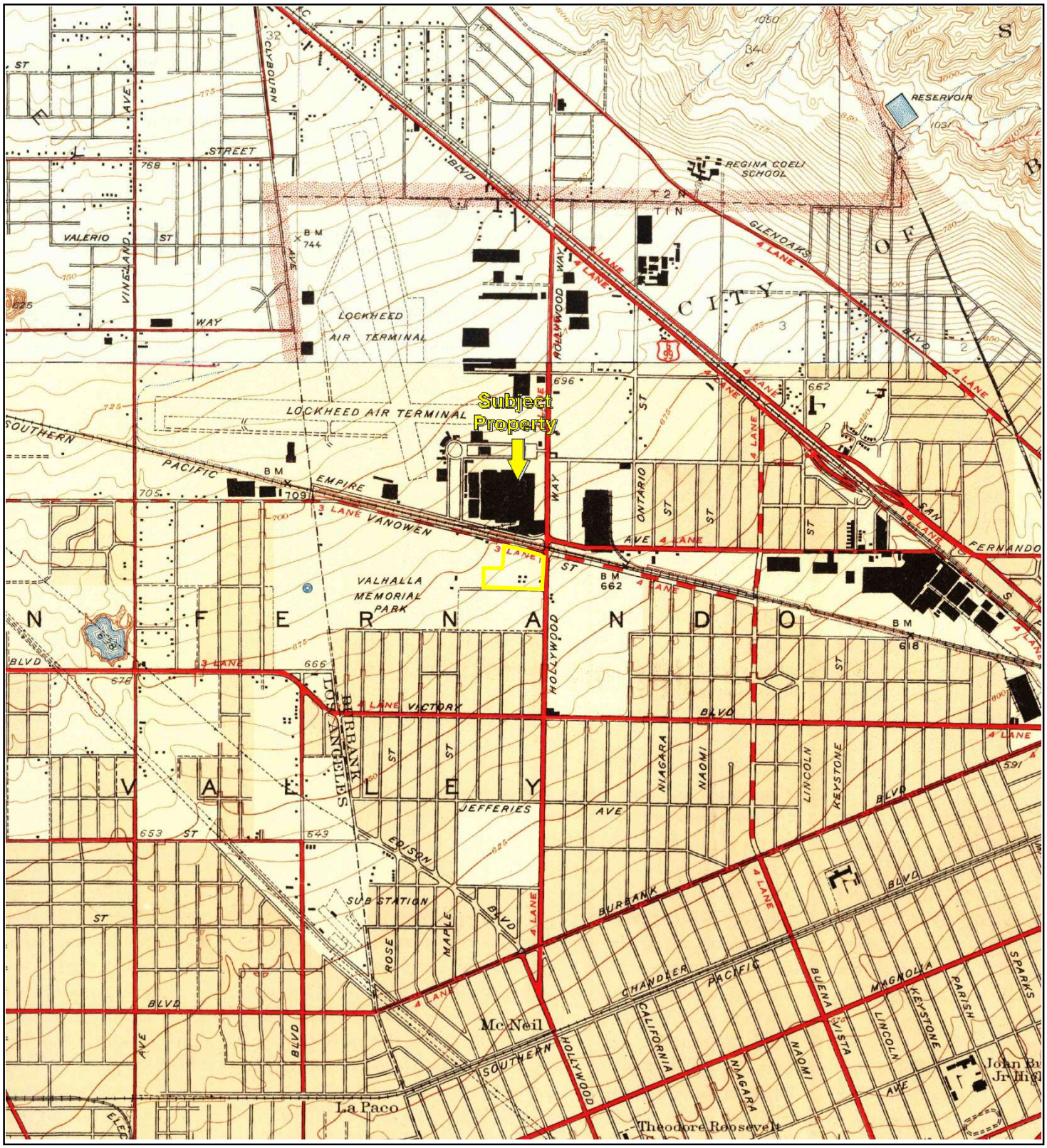
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 20-279443.1

PARTNER



TP, Burbank, 1948, 7.5-minute
N, Sunland, 1948, 7.5-minute

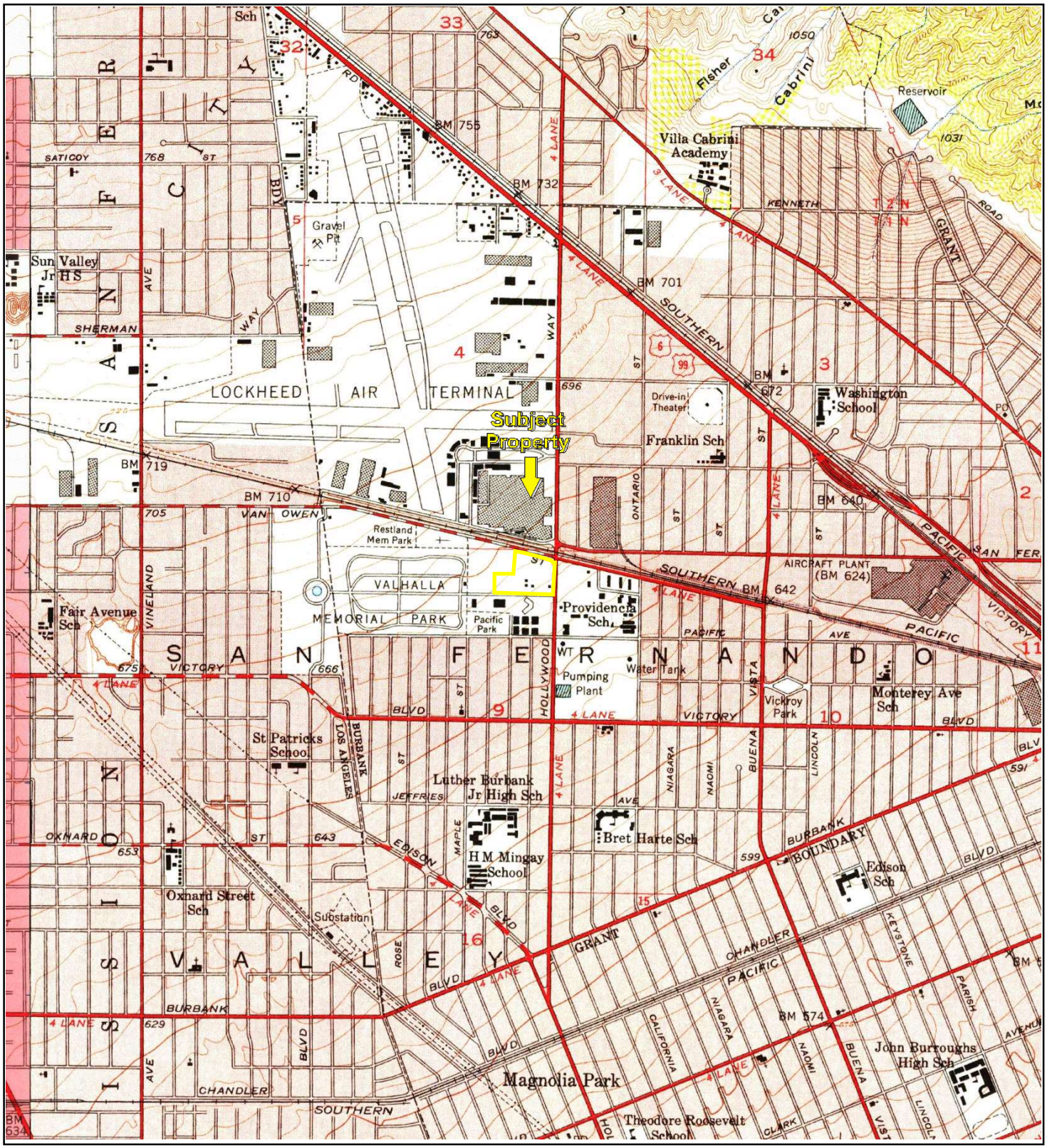
0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 20-279443.1



TP, Burbank, 1953, 7.5-minute
W, Van Nuys, 1953, 7.5-minute

0 Miles 0.25 0.5 1 1.5

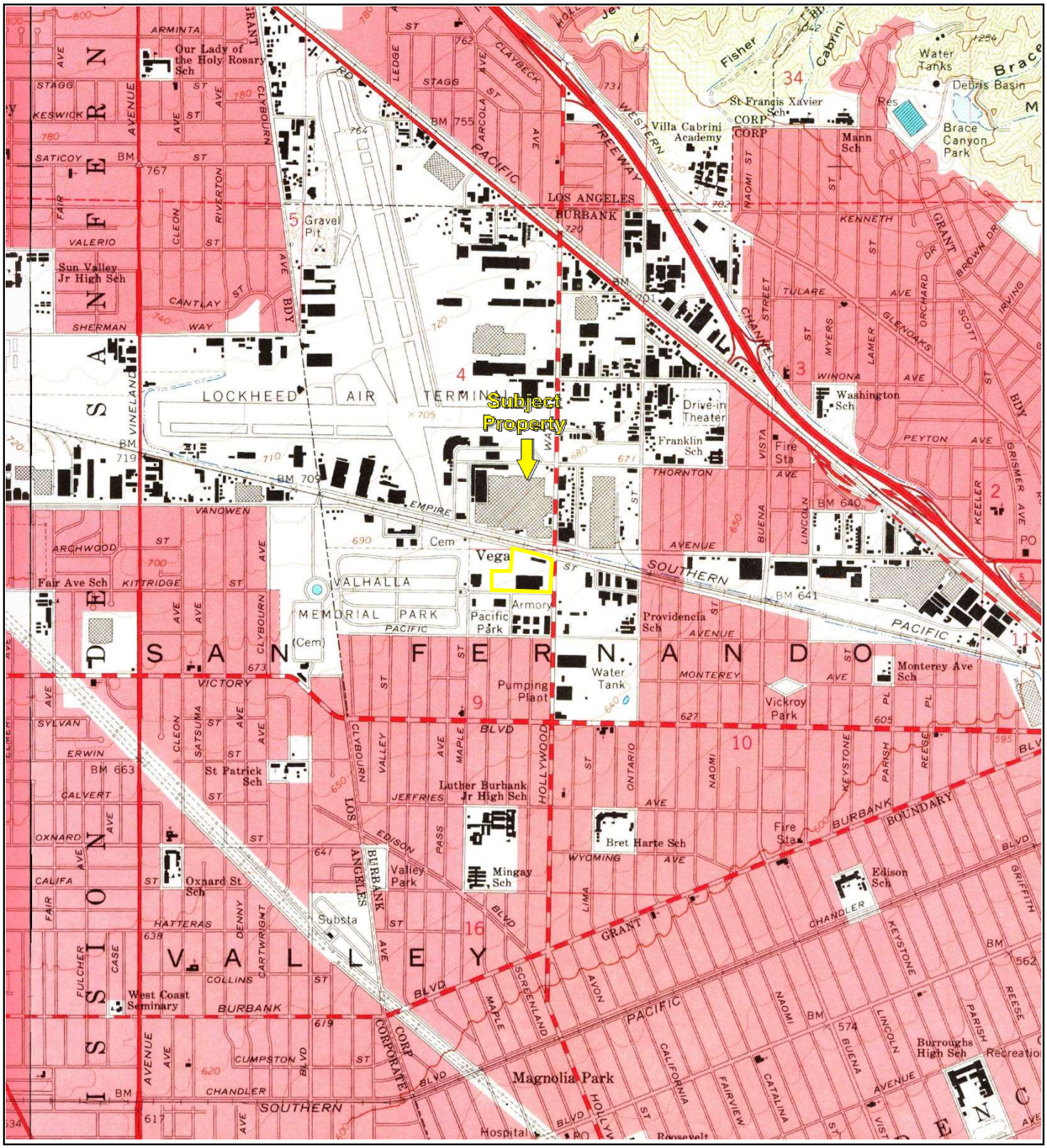
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 20-279443.1

PARTNER



TP, Burbank, 1966, 7.5-minute
W, Van Nuys, 1966, 7.5-minute

0 Miles 0.25 0.5 1 1.5

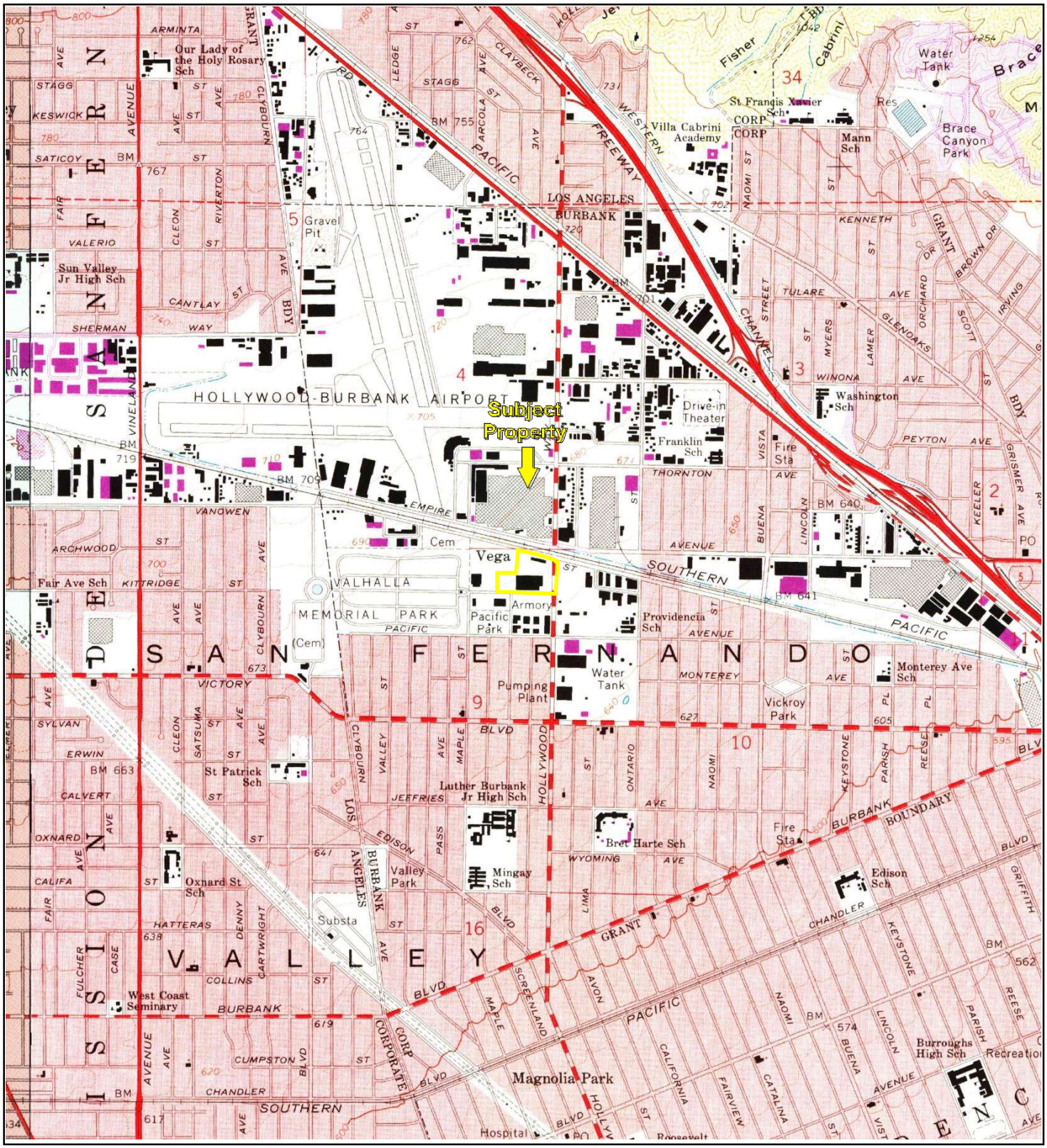
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 20-279443.1

PARTNER



TP, Burbank, 1972, 7.5-minute
W, Van Nuys, 1972, 7.5-minute

0 Miles 0.25 0.5 1 1.5

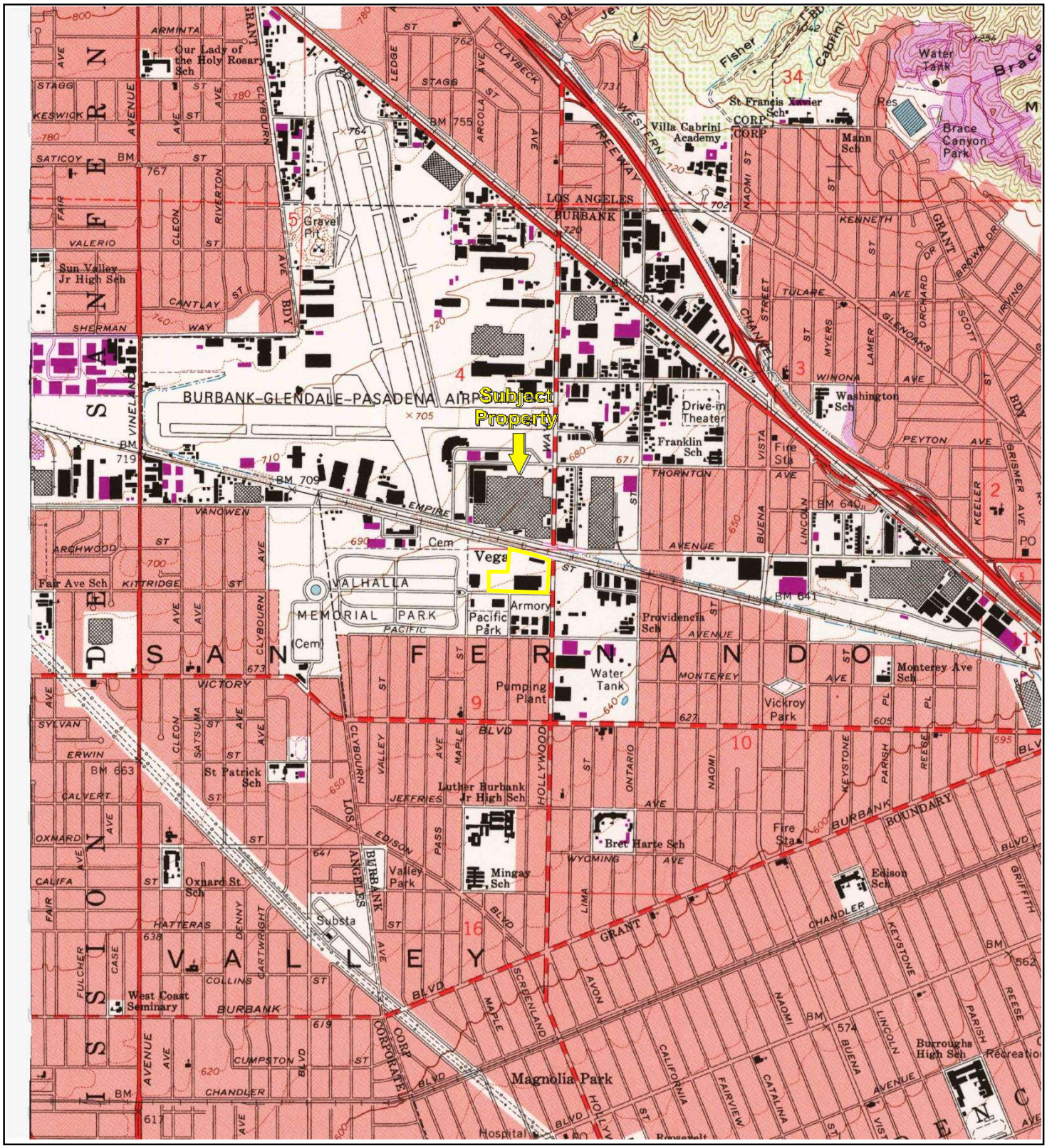
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 20-279443.1

PARTNER



TP, Burbank, 1994, 7.5-minute

0 Miles 0.25 0.5 1 1.5

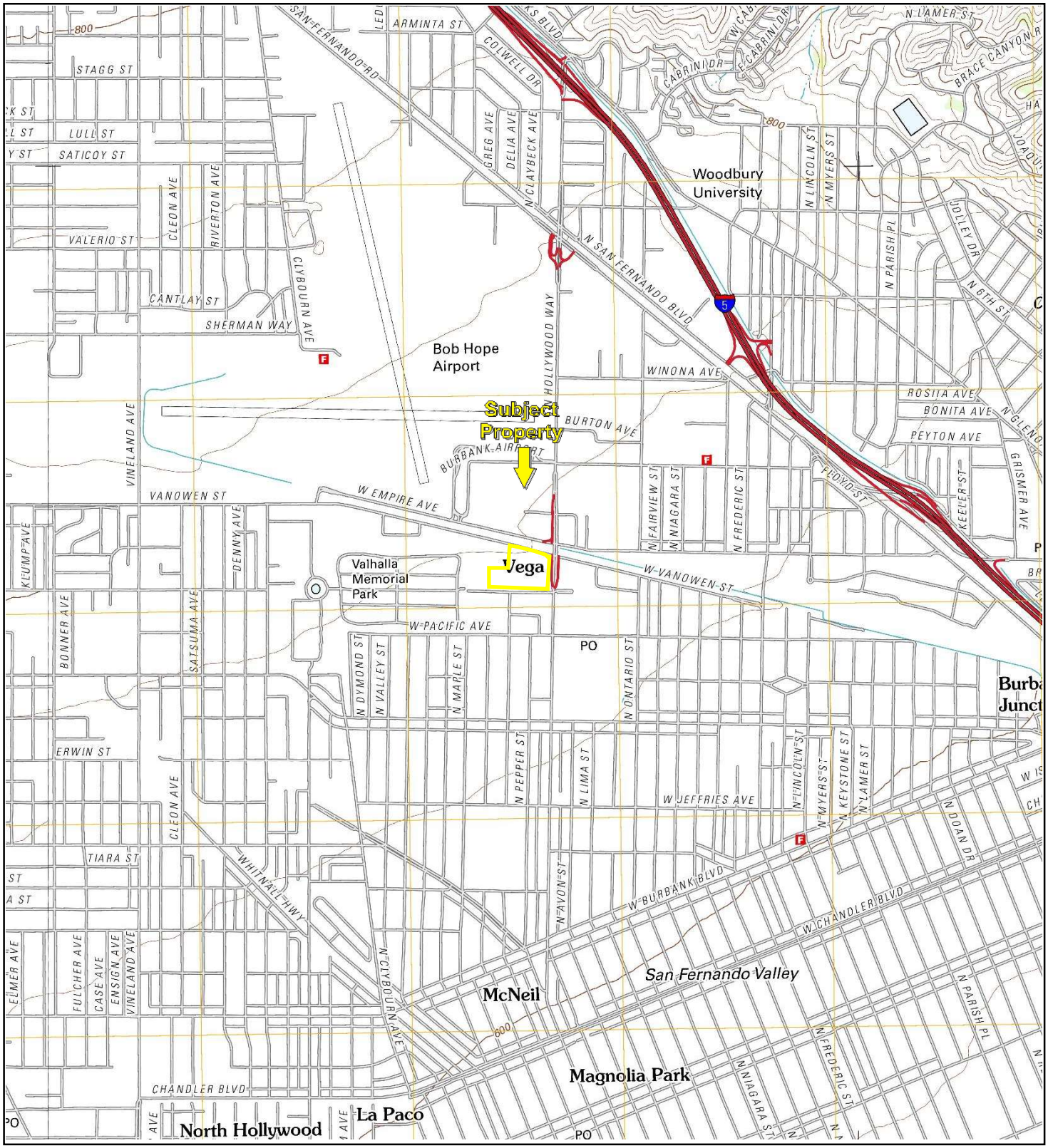
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 20-279443.1

PARTNER



TP, Burbank, 2012, 7.5-minute
W, Van Nuys, 2012, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 20-279443.1

2311 N Hollywood Way
2311 N Hollywood Way
BURBANK, CA 91505

Inquiry Number: 6036912.5
April 14, 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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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	-
2006	Haines Company, Inc.	-	X	X	-
	Haines Company, Inc.	X	X	X	-
2004	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
	Haines Company	-	-	-	-
	Haines Company	X	-	X	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	X	X	-
	Haines & Company, Inc.	X	X	X	-
2000	Pacific Bell Telephone	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1999	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
	Haines Company	-	-	-	-
	Haines Company	X	-	X	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
1994	Cole Information Services	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1970	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
	R. L. Polk & Co.	-	X	X	-
	R. L. Polk & Co.	X	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1966	Pacific Telephone	-	-	-	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	X	X	-
1956	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1952	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1951	Los Angeles Directory Co Publishers	-	-	-	-
1950	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
	Los Angeles Directory Co.	X	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

2311 N Hollywood Way
BURBANK, CA 91505

FINDINGS DETAIL

Target Property research detail.

HOLLYWOOD WAY N

2311 HOLLYWOOD WAY N

Year	Uses	Source
2001	FRYS ELECTRONICS	Haines & Company, Inc.
1970	VACANT	R. L. Polk & Co.
1952	Shoman P M dairy Ch	Los Angeles Directory Co.
1946	AShoman F M dairy	Los Angeles Directory Co.
1942	AThompson W S dairy	Los Angeles Directory Co.

N HOLLYWOOD WAY

2311 N HOLLYWOOD WAY

Year	Uses	Source
2015	FRYS ELECTRONICS	Cole Information Services
2009	FRYS ELECTRONICS INC	Cole Information Services
2006	FRYS ELECTRONICS	Haines Company, Inc.
2004	FRYS ELECTRONICS	Cole Information Services
1999	FRYS ELECTRONICS	Cole Information Services
1985	Administrative Offices	Pacific Bell
	Certificate Rates Recording	Pacific Bell
	Collection Department	Pacific Bell
	Lockheed Air Terminal Inc Administrative Offices PO Box 7229 Brb	Pacific Bell
	Lockheed Aircraft Employees Federal Credit Union	Pacific Bell
	Lockheed California Company Administrative Offices	Pacific Bell
	Main Office	Pacific Bell
1980	LOCKHEED AIRCRAFT EMPLOYEES FEDERAL CREDIT UNION	Pacific Telephone
	LOCKHEED CORPORATION LOCKHEED CALIFORNIA COMPANY	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	Employees Credit Union	Pacific Telephone
	Group Insurance	Pacific Telephone
1971	Employees Credit Union	Pacific Telephone
	Group Insurance	Pacific Telephone
	LOCKHCED CALIFORNIA COMPANY	Pacific Telephone
1970	LOCKHEED AIRCRAFT CORPORATION	Pacific Telephone
	LOCKHEED AIRCRAFT CORPORATION LOCKHEED CALIFORNIA COMPANY	Pacific Telephone
	LOCKHEED AIRCRAFT EMPLOYEES FEDERAL CREDIT UNION	Pacific Telephone
	LOCKHEED-CALIFORNIA COMPANY EMPLOYEE RECREATION CLUB	Pacific Telephone
1967	W G Products Inc shoes	Pacific Telephone
1956	DENNIS WAYNE L	Pacific Telephone
	ROCHA MANUEL P	Pacific Telephone
	SHOMAN S DAIRY	Pacific Telephone
1950	SHOMAN S DAIRY	Pacific Telephone

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

H HOLLYWOOD WAY

2240 H HOLLYWOOD WAY

Year	*Uses*	*Source*
1980	LIPTAK J J	Pacific Telephone

HOLLYWOOD BOWL RD

2205 HOLLYWOOD BOWL RD

Year	*Uses*	*Source*
1970	GRIMES WALKER	Pacific Telephone
	GRIMES WALKER	Pacific Telephone

HOLLYWOOD WAY

2231 HOLLYWOOD WAY

Year	*Uses*	*Source*
1981	WESTINGHOUSE ELECTRIC CORPORATION	Pacific Telephone

HOLLYWOOD WAY N

2205 HOLLYWOOD WAY N

Year	*Uses*	*Source*
2001	BUILD REHABILITATION INDUSTRY	Haines & Company, Inc.
1970	LEE ENGINEERING MACH SHOP	R. L. Polk & Co.
	TRIG MFG CO MACH SHOP	R. L. Polk & Co.
	JOHNSON F VINCENT & TECHNICAL ASSOCIATES MFRS REP CASTINGS	R. L. Polk & Co.
	GRIMES WALKER MACH SHOP	R. L. Polk & Co.

2207 HOLLYWOOD WAY N

Year	*Uses*	*Source*
2001	XXXX	Haines & Company, Inc.

FINDINGS

2211 HOLLYWOOD WAY N

Year	Uses	Source
2001	A T K AUDIOTEK CORP	Haines & Company, Inc.
1970	BELL HELICOPTER CO AIRCRAFT EQUIP DIRS	R. L. Polk & Co.

2220 HOLLYWOOD WAY N

Year	Uses	Source
2001	BUDGET CAR & TRUCK RENTAL	Haines & Company, Inc.
1970	CARDIN CECIL	R. L. Polk & Co.
	CARTERS NICK TRAILER PARK	R. L. Polk & Co.
	TRAILER PARK REALTY CO REAL EST	R. L. Polk & Co.
1952	Wilson W D Ch	Los Angeles Directory Co.
	Carter S F Ri Ch	Los Angeles Directory Co.

2228 HOLLYWOOD WAY N

Year	Uses	Source
2001	JENSEN Lynn	Haines & Company, Inc.
	COLOR WEST INC	Haines & Company, Inc.
	DIE WEST INC	Haines & Company, Inc.

2230 HOLLYWOOD WAY N

Year	Uses	Source
1970	ALFORD BEN	R. L. Polk & Co.
	MID-VALLEY CATERERS INC CATERING SERV	R. L. Polk & Co.

2231 HOLLYWOOD WAY N

Year	Uses	Source
2001	ENTERPRISE IMAGE	Haines & Company, Inc.

2237 HOLLYWOOD WAY N

Year	Uses	Source
2001	LEE FILTERS DVSN OF PANAVISION	Haines & Company, Inc.

2240 HOLLYWOOD WAY N

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1970	RICE AL	R. L. Polk & Co.
	TILLOTSON FRANCIS J	R. L. Polk & Co.
	HOLLYWOODWAY TRAILER PARK	R. L. Polk & Co.
1952	Rice A T Ch	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1952	Davis D D Ch	Los Angeles Directory Co.

2243 HOLLYWOOD WAY N

Year	Uses	Source
2001	PACIFIC RADIO ELECTRONICS INC	Haines & Company, Inc.

2248 HOLLYWOOD WAY N

Year	Uses	Source
1946	Albers H G	Los Angeles Directory Co.
1942	Osito T	Los Angeles Directory Co.
	Fujikawa Kiso	Los Angeles Directory Co.
1937	Takashaki T	Los Angeles Directory Co.
	Osito T	Los Angeles Directory Co.
	Fujikawa Kiso o	Los Angeles Directory Co.

2249 HOLLYWOOD WAY N

Year	Uses	Source
2001	WESTERN CYTOPATHOLOGY LABS INC	Haines & Company, Inc.

2250 HOLLYWOOD WAY N

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.

2268 HOLLYWOOD WAY N

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.

2280 HOLLYWOOD WAY N

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.

2315 HOLLYWOOD WAY N

Year	Uses	Source
1946	Clough H	Los Angeles Directory Co.

2316 HOLLYWOOD WAY N

Year	Uses	Source
1952	Dels Auto Park	Los Angeles Directory Co.
1946	ATrout D C auto pk	Los Angeles Directory Co.

FINDINGS

2331 HOLLYWOOD WAY N

Year	Uses	Source
1952	Black Clarence	Los Angeles Directory Co.
1946	Shoman F M	Los Angeles Directory Co.
1942	I AThompson W S	Los Angeles Directory Co.
1937	Williams Fred	Los Angeles Directory Co.
	Thompson W S dairy	Los Angeles Directory Co.

2228A HOLLYWOOD WAY N

Year	Uses	Source
1970	KELLY-JENNINGS MRS MFRS AIRCRAFT	R. L. Polk & Co.

2228B HOLLYWOOD WAY N

Year	Uses	Source
1970	G M NEON CORP MFRS	R. L. Polk & Co.

N HOLLYWOOD WAY

2201 N HOLLYWOOD WAY

Year	Uses	Source
2015	PRO HD HOLDINGS INC	Cole Information Services
	A20 TECHNOLOGIES	Cole Information Services
	PRO HD RENTALS	Cole Information Services
2009	JUDYS CAROUSEL CRAFT WAREHOUSE	Cole Information Services
	PRO HD RENTALS	Cole Information Services
	ROSSINI VIDEO GROUP	Cole Information Services
2006	COMTELPROMEDIA	Haines Company, Inc.
2004	COMTEL PRO MEDIA	Cole Information Services
1999	COMTEL VIDEO PRODUCTS	Cole Information Services
	ROBERT ROSSINI	Cole Information Services
1994	SIMCO ELECTRONICS INC	Cole Information Services

2205 N HOLLYWOOD WAY

Year	Uses	Source
2009	BUILD REHABILITATION INDUSTRIES	Cole Information Services
2006	BUILD INDUSTRIES	Haines Company, Inc.
2004	BUILD REHABILITATION INDSTRY	Cole Information Services
1999	BUILD REHABILITATION INDUSTRIES	Cole Information Services
1995	Build Rehabilitation Industries	Pacific Bell

FINDINGS

Year	Uses	Source
1994	BUILD REHABILITATION INDSTRS	Cole Information Services
1991	Build Rehabilitation Industries	Pacific Bell
1986	NOVA OPPORTUNITY CENTER INC BURBANK	Pacific Bell
1985	From Los Angeles Telephones Call	Pacific Bell
1976	Westlake Mfg Inc	Pacific Telephone
1975	WESTLAKE MFG INC	Pacific Telephone
1970	JOHNSON F VINCENT & TECHNICAL ASSOCIATES	Pacific Telephone
	TRIG MANUFACTURING CO	Pacific Telephone
	LEE ENGINEERING	Pacific Telephone
	JOHNSON F VINCENT & TECHNICAL ASSOCIATES	Pacific Telephone
	LEE ENGINEERING	Pacific Telephone
	TRIG MANUFACTURING CO	Pacific Telephone
1967	Macklin Machining & Mfg	Pacific Telephone
1962	CAPTIVE AIR	Pacific Telephone
1958	Century Engineers Inc See Electrosystems Inc	Pacific Telephone
	Electrosystems Inc	Pacific Telephone

2210 N HOLLYWOOD WAY

Year	Uses	Source
1985	Griffen M Bl	Pacific Bell

2211 N HOLLYWOOD WAY

Year	Uses	Source
2009	INTER VIDEO	Cole Information Services
	C G W ENTERPRISES INC	Cole Information Services
	AUDIOTEK CORP	Cole Information Services
2006	ALTERNATIVES	Haines Company, Inc.
	VISTA MFG	Haines Company, Inc.
	CORP AUDIOTEK CORP	Haines Company, Inc.
	ATK AUDIOTEK	Haines Company, Inc.
2004	ATK/AUDIOTEK CORP	Cole Information Services
	JOHN STEWART	Cole Information Services
1994	ATK AUDIOTEK CORP	Cole Information Services
	ASSOCTD PRODUCTS	Cole Information Services
1991	Associated Products	Pacific Bell
	From Los Angeles Telephones Call	Pacific Bell
	Zipco	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Zipco Metal Fabrication Machining & Welding	Pacific Bell
	Zipco Precision Metal Fabrication Machining & Welding	Pacific Bell
1990	ZIPCO PRECISION METAL FABRICATION MACHINING & WELDING BURBANK	Pacific Bell
	ASSOCIATED PRODUCTS BURBANK	Pacific Bell
1986	ASSOCIATED PRODUCTS BURBANK	Pacific Bell
	ZIPCO PRECISION METAL FABRICATION MACHINING & WELDING BURBANK	Pacific Bell
1985	Associated Products	Pacific Bell
	From Los Angeles Telephones Call	Pacific Bell
	Zip Co	Pacific Bell
	Zipco Precision Metal Fabrication Machining & Welding	Pacific Bell
1981	SOUTHWEST PARTITION CO INC BURBANK	Pacific Telephone
1980	SOUTHWEST PARTITION CO INC BURBANK	Pacific Telephone
1976	SOUTHWEST PARTITION CO INC	Pacific Telephone
1975	SOUTHWEST PARTITION CO INC	Pacific Telephone
1971	Bell Helicopter Co Div Of Bell Aerospace Corp	Pacific Telephone
1970	BELL HELICOPTER CO DIV OF BELL AEROSPACE CORP	Pacific Telephone
	BELL HELICOPTER CO DIV OF BELL AEROSPACE CORP	Pacific Telephone
1967	Bell Helicopter Co Div of Bell Aerospace Corp	Pacific Telephone
1962	Bell Helicopter Co Div of Bell Aerospace Corp	Pacific Telephone
	BELL HELICOPTER CO DIV OF BELL AEROSPACE CORP	Pacific Telephone
1958	Bell Helicopter Corp Western Div	Pacific Telephone

2220 N HOLLYWOOD WAY

Year	Uses	Source
2015	BUDGET	Cole Information Services
2009	BUDGET RENT A CAR	Cole Information Services
	BUDGET	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	BUDGET RENT A CAR	Cole Information Services

FINDINGS

Year	Uses	Source
1999	BUDGET CAR AND TRUCK RENTAL	Cole Information Services
	BGT CAR & TRCK RENT STHRN CALIFORNIA RENTALS	Cole Information Services
1995	Burbank Airport	Pacific Bell
1994	BUDGET RENT A CAR	Cole Information Services
	SEARS RENT A TRUCK	Cole Information Services
1991	Burbank Airport	Pacific Bell
	Encino	Pacific Bell
	Hollywood Burbank Airport	Pacific Bell
	Hollywood Burbank Airport	Pacific Bell
	Hollywood Burbank Airport	Pacific Bell
	Hollywood Burbank Airport	Pacific Bell
1990	BUDGET RENT-A-CAR RENT-A-CAR STATIONS	Pacific Bell
1985	BUDGET RENT-A- CAR HOLLYWOOD-BURBANK AIRPORT	Pacific Bell
	Burbank Airport	Pacific Bell
	Encino	Pacific Bell
	Hollywood Burbank Airport	Pacific Bell
	Hollywood Burbank Airport	Pacific Bell
1981	BUDGET RENT-A-CAR RENT-A-CAR STATIONS	Pacific Telephone
1980	CANN R F	Pacific Telephone
	KUREK JOS M BURBANK	Pacific Telephone
	MIKELK MABEL E	Pacific Telephone
	MIKELK WALTER R	Pacific Telephone
	PATER WM	Pacific Telephone
	RADIO AMATEUR KH6IAF	Pacific Telephone
1976	Brewton Shirley	Pacific Telephone
	Burns J F	Pacific Telephone
	Evans Roy J	Pacific Telephone
	Evans Tracy	Pacific Telephone
1975	Allen Francis E	Pacific Telephone
	Borneman Naomi Mrs	Pacific Telephone
	Brewton Shirley	Pacific Telephone
	Brown Clara M	Pacific Telephone
	Carters Trailer Park	Pacific Telephone
	Corral G	Pacific Telephone
	De Grazzio Florence C	Pacific Telephone
	Eils C M	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	Evans Roy J	Pacific Telephone
	Evans Tracy	Pacific Telephone
	Gauwain W M	Pacific Telephone
	Geisler Alvin E	Pacific Telephone
	Graham Dal Mont E	Pacific Telephone
	Grimm Frank L	Pacific Telephone
	Haberman Helen H	Pacific Telephone
	Huston Fred F	Pacific Telephone
	Jones Lon	Pacific Telephone
	Juntunen Emilie	Pacific Telephone
	Kaikainahaolei Kuulei Makahanoleia	Pacific Telephone
	Kaikainahaolei Kuulei Nakakohekau	Pacific Telephone
	Kelsey Robt L	Pacific Telephone
	King H Le Roy	Pacific Telephone
	Kontos Jas Alex	Pacific Telephone
	Kuenle Donald L	Pacific Telephone
	Lampman G	Pacific Telephone
	Lewis Earl L	Pacific Telephone
	Lewis Lucille L	Pacific Telephone
	Mathis Marguerite J	Pacific Telephone
	Mc Coy Calvin J	Pacific Telephone
	Mc Kenzie W Donald	Pacific Telephone
	Meinicke A R	Pacific Telephone
	Merideth Janette	Pacific Telephone
	Mikelk Mabel E	Pacific Telephone
	Mikelk Walter R	Pacific Telephone
	Miller Glenn	Pacific Telephone
	Mueller Ervin O	Pacific Telephone
	Owens Russell	Pacific Telephone
	Porter Sylvia C	Pacific Telephone
	Quigley Robt A	Pacific Telephone
	Robison Julia E	Pacific Telephone
	Rohlfsen Margaret E	Pacific Telephone
	Sansgaard E M	Pacific Telephone
	Schafer Pearl B	Pacific Telephone
	Simon Jas B	Pacific Telephone
	Simpson La Vaughn E	Pacific Telephone
	Still Custer	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	Thomas Josie M	Pacific Telephone
	Waldron Roy C	Pacific Telephone
	Ward Landis J	Pacific Telephone
	Winslow Geo	Pacific Telephone
	Winslow Wm G	Pacific Telephone
1971	Brewton Shirley	Pacific Telephone
1970	MILLER GLENN BURBANK	Pacific Telephone
	ASBURY EARL E	Pacific Telephone
	ASHER ETHEL	Pacific Telephone
	BLACK MILDRED	Pacific Telephone
	BORNEMAN NAOMI MRS	Pacific Telephone
	BREWTON SHIRLEY	Pacific Telephone
	CARTERS TRAILER PARK	Pacific Telephone
	CONAWAY RUBY	Pacific Telephone
	DE GRAZZIO FLORENCE C	Pacific Telephone
	DREW ZULA MARIE	Pacific Telephone
	EILS JOHN B	Pacific Telephone
	EILS JOHN B WATCH REPRNG	Pacific Telephone
	FAUS PEARL B	Pacific Telephone
	GRAHAM DAL MONT E	Pacific Telephone
	HABERMAN HELEN H	Pacific Telephone
	HANLON RUTH	Pacific Telephone
	HENSON RUTH J	Pacific Telephone
	HOSTETTLER J E	Pacific Telephone
	JONES LON	Pacific Telephone
	JUNTUNEN EMILLE	Pacific Telephone
	KELSEN ROBT L	Pacific Telephone
	KLEIN EDW	Pacific Telephone
	KLUTSENBAKER DALE	Pacific Telephone
	LEWIS EARL L	Pacific Telephone
	LEWIS LUCILLE L	Pacific Telephone
	MATHIS MARGUERITE J	Pacific Telephone
	METEYER ALICE MRS	Pacific Telephone
	MIKELK MABEL E	Pacific Telephone
	MIKELK WALTER R	Pacific Telephone
	OLSSON S TED	Pacific Telephone
	OSTEEN M J	Pacific Telephone
	OWENS RUSSELL	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	PATRICK BENJAMIN	Pacific Telephone
	PATTEN VERNE V	Pacific Telephone
	PERKINS ALMA	Pacific Telephone
	PERRY L R	Pacific Telephone
	PORTER SYLVIA C	Pacific Telephone
	RIOS RICHARD	Pacific Telephone
	ROBISON JULIA E	Pacific Telephone
	ROHLFSEN MARGARET E	Pacific Telephone
	SANSGAARD E M	Pacific Telephone
	SIMON JAS B	Pacific Telephone
	SMITH MAUDE MRS	Pacific Telephone
	STITT CARTER H	Pacific Telephone
	TEN EYCK BARRY	Pacific Telephone
	THOMAS JOHN R	Pacific Telephone
	THOMAS JOSIE M	Pacific Telephone
	TRAILER PARK REALTY CO	Pacific Telephone
	TROUT DAISY A	Pacific Telephone
	WILSON BILLIE L	Pacific Telephone
	WINSLOW WM G	Pacific Telephone
	ASBURY EARL E	Pacific Telephone
	ASHER ETHEL	Pacific Telephone
	BLACK MILDRED	Pacific Telephone
	BORNEMAN NAOMI MRS	Pacific Telephone
	BREWTON SHIRLEY	Pacific Telephone
	CARTERS TRAILER PARK	Pacific Telephone
	CONAWAY RUBY	Pacific Telephone
	DE GRAZZIO FLORENCE C	Pacific Telephone
	DREW ZULA MARIE	Pacific Telephone
	EILS JOHN B	Pacific Telephone
	EILS JOHN B WATCH REPRNG	Pacific Telephone
	FAUS PEARL B	Pacific Telephone
	GRAHAM DAL MONT E	Pacific Telephone
	HABERMAN HELEN H	Pacific Telephone
	HANLON RUTH	Pacific Telephone
	HENSON RUTH J	Pacific Telephone
	HOSTETTLER J E	Pacific Telephone
	JONES LON	Pacific Telephone
	JUNTUNEN EMILLE	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	KELSEN ROBT L	Pacific Telephone
	KLEIN EDW	Pacific Telephone
	KLUTSENBAKER DALE	Pacific Telephone
	LEWIS EARL L	Pacific Telephone
	LEWIS LUCILLE L	Pacific Telephone
	MATHIS MARGUERITE J	Pacific Telephone
	METEYER ALICE MRS	Pacific Telephone
	MIKELK MABEL E	Pacific Telephone
	MIKELK WALTER R	Pacific Telephone
	OLSSON S TED	Pacific Telephone
	OSTEEN M J	Pacific Telephone
	OWENS RUSSELL	Pacific Telephone
	PATRICK BENJAMIN	Pacific Telephone
	PATTEN VERNE V	Pacific Telephone
	PERKINS ALMA	Pacific Telephone
	PERRY L R	Pacific Telephone
	PORTER SYLVIA C	Pacific Telephone
	RIOS RICHARD	Pacific Telephone
	ROBISON JULIA E	Pacific Telephone
	ROHLFSEN MARGARET E	Pacific Telephone
	SANSGAARD E M	Pacific Telephone
	SIMON JAS B	Pacific Telephone
	SMITH MAUDE MRS	Pacific Telephone
	STITT CARTER H	Pacific Telephone
	TEN EYCK BARRY	Pacific Telephone
	THOMAS JOHN R	Pacific Telephone
	THOMAS JOSIE M	Pacific Telephone
	TRAILER PARK REALTY CO	Pacific Telephone
	TROUT DAISY A	Pacific Telephone
	WILSON BILLIE L	Pacific Telephone
	WINSLOW WM G	Pacific Telephone
1967	Brewton Shirley	Pacific Telephone
1962	ATWOOD WALTER H	Pacific Telephone
	BECK W W	Pacific Telephone
	BLACK MILDRED	Pacific Telephone
	BRUCE ALBERT D	Pacific Telephone
	CARTER S NICK TRAILER PARK	Pacific Telephone
	COCKBURN SAML J	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	CONAWAY RUBY	Pacific Telephone
	CONYERS RALPH E	Pacific Telephone
	CORWIN GLADYS	Pacific Telephone
	CORWIN JOHN V	Pacific Telephone
	COX CASSIE L	Pacific Telephone
	DAVIS FRED B SR	Pacific Telephone
	DIETZ FRANK W	Pacific Telephone
	DIRK LAWRENCE O	Pacific Telephone
	EILS JOHN B	Pacific Telephone
	EILS JOHN B WATCH REPRNG	Pacific Telephone
	FLANINGAM WALTER L	Pacific Telephone
	GRAHAM D E	Pacific Telephone
	HABERMAN HELEN H	Pacific Telephone
	HAMILTON EDW RAY	Pacific Telephone
	HEINZ L E MRS	Pacific Telephone
	HENSON JAY	Pacific Telephone
	KEMPF GLEN M	Pacific Telephone
	LEWIS EARL L	Pacific Telephone
	LEWIS LUCILLE L	Pacific Telephone
	LUTHER R V MRS	Pacific Telephone
	MAGISEN IRWIN	Pacific Telephone
	MARVIN ROBT S	Pacific Telephone
	MATHIS EDW	Pacific Telephone
	MCBRIDE FRED B	Pacific Telephone
	MELANSON LOUIS	Pacific Telephone
	MULLENS DAVID H	Pacific Telephone
	NORREGAARD SOREN	Pacific Telephone
	NUCKLES RAY	Pacific Telephone
	OLSSON S TED	Pacific Telephone
	PAPKE EMIL	Pacific Telephone
	PERKINS ALMA	Pacific Telephone
	PORTER SYLVIA C	Pacific Telephone
	POSSEHL ARTHUR A	Pacific Telephone
	ROBERTSON PHYLLIS F	Pacific Telephone
	ROGERS BEN	Pacific Telephone
	SANSGAARD EUNICE	Pacific Telephone
	SATTLER MAY D MRS	Pacific Telephone
	SCHERER L M MRS	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	SIMON JOS B	Pacific Telephone
	SMITH MARY MRS	Pacific Telephone
	SNYDER FRED W	Pacific Telephone
	STRAW RAY W	Pacific Telephone
	TRAILER PARK REALTY CO	Pacific Telephone
	TROUT L G	Pacific Telephone
	VINNEDGE ANN	Pacific Telephone
	WALBERT LYNDELL	Pacific Telephone
1956	STANLEY ROBT E	Pacific Telephone
	STRAW RAY W	Pacific Telephone
	TRAILER PARK REALTY CO	Pacific Telephone
	TREFSGER KENNETH R	Pacific Telephone
	TURNER H J	Pacific Telephone
	UNCKLES F G	Pacific Telephone
	WILSON A HERBERT SR	Pacific Telephone
	BARTLETT CHARLIE JOE	Pacific Telephone
	BEAULIEU OMER	Pacific Telephone
	BRUCE ALBERT D	Pacific Telephone
	BURCH CARL L	Pacific Telephone
	BURRITT BURT N	Pacific Telephone
	CARTERS NICK TRAILER PARK	Pacific Telephone
	COCKBURN SAML J	Pacific Telephone
	CORNFORD BABE	Pacific Telephone
	CORNFORD W E	Pacific Telephone
	DICK CLAUS G	Pacific Telephone
	DIXON LLOYD F	Pacific Telephone
	DULANEY LLOYD K	Pacific Telephone
	ELLIOTT JOHN CHAS	Pacific Telephone
	GARNETT PAUL	Pacific Telephone
	HAFNER WM	Pacific Telephone
	HARPER J E	Pacific Telephone
	HELWIG ROBT M	Pacific Telephone
	IOTT CRAIG	Pacific Telephone
	JOANIS MELVINA	Pacific Telephone
	LAMSON WALTER E	Pacific Telephone
	LUCHT W F	Pacific Telephone
	LUTHER R V MRS	Pacific Telephone
	MANLEY S B	Pacific Telephone

FINDINGS

Year	Uses	Source
1956	MARKHAM WM J	Pacific Telephone
	MINSKE WILLARD F	Pacific Telephone
	MOSCONI CAMILLE	Pacific Telephone
	MOSCONI IRENE MRS	Pacific Telephone
	NUCKLES RAY	Pacific Telephone
	PAC TRAILER PARKS INC	Pacific Telephone
	PENNINGTON LEE	Pacific Telephone
	REED GLENN	Pacific Telephone
	ROBERTSON PHYLLIS F	Pacific Telephone
	STANCHFIELD LEE	Pacific Telephone
	STANLEY HAZEL F	Pacific Telephone
1950	GRAVES HELEN E MISS R	Pacific Telephone
	SALVESON LEONA R	Pacific Telephone
	GRAVES HELEN E MISS R	Pacific Telephone
	SALVESON LEONA R	Pacific Telephone

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Year	Uses	Source
1956	STEWART MARGARET	Pacific Telephone

2228 N HOLLYWOOD WAY

Year	Uses	Source
2015	COLORWEST	Cole Information Services
2006	DIEWESTINC	Haines Company, Inc.
	COLOR WEST INC	Haines Company, Inc.
	COLOR WEST INC	Haines Company, Inc.
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	DIE WEST INCORPORATED	Cole Information Services
	COLOR WEST INCORPORATED	Cole Information Services
1995	Color West Inc	Pacific Bell
	Heywood & Heywood Printing	Pacific Bell
1994	HEYWOOD & HEYWOOD PRINTING	Cole Information Services
1991	Color West Inc	Pacific Bell
	From Los Angeles Telephones Call	Pacific Bell
	Color World TV Service 742 Andover Dr Brb	Pacific Bell
	Color 1 colrcinsltut	Pacific Bell
	Calabasas Calbt	Pacific Bell
1990	COLOR WEST INC BURBANK	Pacific Bell

FINDINGS

Year	Uses	Source
1990	THOUGHT FACTORY BURBANK	Pacific Bell
1986	COLOR WEST INC BURBANK	Pacific Bell
	THOUGHT FACTORY BURBANK	Pacific Bell
1985	Color West Inc	Pacific Bell
	From Los Angeles Telephones Call	Pacific Bell
1980	COLOR WEST	Pacific Telephone
1976	G M SIGNS	Pacific Telephone
	Spiegel Publishing Co	Pacific Telephone
1975	Color West	Pacific Telephone
	G M Signs	Pacific Telephone
	G M SIGNS INC	Pacific Telephone
	Litho Prep	Pacific Telephone
	Spiegel Publishing Co	Pacific Telephone
1971	G M SIGNS	Pacific Telephone
1970	JENNINGS KELLY	Pacific Telephone
	KELLY-JENNINGS	Pacific Telephone
	JENNINGS KELLY	Pacific Telephone
	KELLY-JENNINGS	Pacific Telephone
	PLATT LORETTA J	Pacific Telephone
	PLATT LORETTA J	Pacific Telephone
1967	G M NEON CORP	Pacific Telephone
1962	Hieatt Engineering Co	Pacific Telephone
	Hyatt Engineering Co	Pacific Telephone
	HIEATT ENGNERG CO	Pacific Telephone
	HYATT ENGINEERING CO	Pacific Telephone
	HIEATT ENGINEERING CO	Pacific Telephone
1960	HIEATT ENGINEERING CO	Pacific Telephone
1958	Hieatt Engnrng Co	Pacific Telephone
	Hyatt Engineering Co	Pacific Telephone
	HIEATT ENGINEERING CO	Pacific Telephone
1957	HIEATT ENGINEERING CO	Pacific Telephone
1956	HIEATT ENGNRNG CO	Pacific Telephone
	HYATT ENGINEERING CO	Pacific Telephone
1950	CARENT CO AUTO RENTL	Pacific Telephone
	CONSUMERS HOME PRODUCTS INC	Pacific Telephone
	EASE QUALITY DETERGENTS	Pacific Telephone
	CARENT CO AUTO RENTL	Pacific Telephone
	CONSUMERS HOME PRODUCTS INC	Pacific Telephone

Year	Uses	Source
1950	EASE QUALITY DETERGENTS	Pacific Telephone

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Year	Uses	Source
1981	MID-VALLEY CATERERS BURBANK	Pacific Telephone
	OWENS GEORGE CATERING BURBANK	Pacific Telephone
1980	MID VALLEY CATERERS	Pacific Telephone
1976	Mid Valley Caterers Inc	Pacific Telephone
1975	Mid Valley Caterers Inc	Pacific Telephone
1971	Mid Valley Caterers Inc	Pacific Telephone
1970	MID-VALLEY CATERERS INC	Pacific Telephone
	MID-VALLEY CATERERS INC	Pacific Telephone
1967	Mid Valley Caterers Inc	Pacific Telephone
1962	Mid Valley Caterers Inc	Pacific Telephone
	MID-VALLEY CATERERS INC	Pacific Telephone
1958	Jim & Ken Caterers	Pacific Telephone
1956	JIM & KEN CATERERS	Pacific Telephone
	JIM & KEN CATERERS	Pacific Telephone

2231 N HOLLYWOOD WAY

Year	Uses	Source
2015	OMEGA CASE COMPANY INC	Cole Information Services
2009	OMEGA CASE CO INC	Cole Information Services
2006	OMEGACASE	Haines Company, Inc.
	COMPANY INC	Haines Company, Inc.
2004	SONIC ATMOSPHERES INC	Cole Information Services
	CRAIG HUXLEY	Cole Information Services
1999	SLING SHOT RECORDS	Cole Information Services
1995	Unitel Mobile	Pacific Bell
	Sonic Edge	Pacific Bell
1994	SONIC EDGE	Cole Information Services
	UNITEL MOBILE	Cole Information Services
1991	Unitel Moble	Pacific Bell
1986	WESTINGHOUSE ELEVATOR CO	Pacific Bell
	WESTINGHOUSE ELEVATOR CO	Pacific Bell
	WESTINGHOUSE ELECTRIC CORPORATION	Pacific Bell
1985	Service	Pacific Bell
	Sales	Pacific Bell

Year	Uses	Source
1985	Construction Business Development	Pacific Bell
	WESTINGHOUSE ELEVATOR CO	Pacific Bell
	WESTINGHOUSE ELEVATOR CO	Pacific Bell
	WESTINGHOUSE ELEVATOR CO	Pacific Bell
	WESTINGHOUSE ELEVATOR CO	Pacific Bell
	WESTINGHOUSE ELECTRIC CORPORATION	Pacific Bell
1981	WESTINGHOUSE ELEVATOR CO	Pacific Telephone
	WESTINGHOUSE ELEVATOR CO	Pacific Telephone
1980	Sales	Pacific Telephone
	Service	Pacific Telephone
	WESTINGHOUSE ELEVATOR CO	Pacific Telephone
	WESTINGHOUSE ELEVATOR CO	Pacific Telephone
1976	Service	Pacific Telephone
	Westinghouse Elevator Co	Pacific Telephone
	Sales	Pacific Telephone
	Westinghouse Elevator Co	Pacific Telephone
1975	Sales	Pacific Telephone
	Service	Pacific Telephone
	Sales	Pacific Telephone
	Service	Pacific Telephone

2232 N HOLLYWOOD WAY

Year	Uses	Source
2015	ELKS BPOE BURBANK LODGE	Cole Information Services
2009	BURBANK ELKS LODGE	Cole Information Services
	BURBANK CA LODGE 1497	Cole Information Services
2006	BURBANK LODGE	Haines Company, Inc.
	ELKSBPOE	Haines Company, Inc.
2004	BURBANK ELKS LODGE	Cole Information Services

2235 N HOLLYWOOD WAY

Year	Uses	Source
1980	ATKINS PARK	Pacific Telephone
1950	ATKINS PARK	Pacific Telephone
	BURBANK AUCTION PALACE	Pacific Telephone
	ATKINS PARK	Pacific Telephone
	BURBANK AUCTION PALACE	Pacific Telephone

FINDINGS

2237 N HOLLYWOOD WAY

Year	Uses	Source
2015	LEE FILTERS DIVISION OF PANAVISION	Cole Information Services
2009	LEE FILTERS	Cole Information Services
2006	OF PANAVISION	Haines Company, Inc.
	LEEFILTERSDVSN	Haines Company, Inc.
1999	LEE FILTERS DIVISION OF PANAVISION	Cole Information Services
	ZIP COMPANY HYDRAULICS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1995	Associated Podiatrists Group Of San Fernando Valley	Pacific Bell
	L Associated Products	Pacific Bell
	Zipco	Pacific Bell
1994	ZIPCO	Cole Information Services
	ASSOCIATED PRODUCTS	Cole Information Services
	ZIPCO PRECISION METAL	Cole Information Services
1985	Accratronics Of California Inc	Pacific Bell
1981	PRO LITHO GRAPHICS BURBANK	Pacific Telephone
1976	American Printing & Stationary Co See Westland Graphics	Pacific Telephone
	Westland Graphics	Pacific Telephone
1975	American Printing & Stationary Co See Westland Graphics	Pacific Telephone
	Westland Graphics	Pacific Telephone

2240 N HOLLYWOOD WAY

Year	Uses	Source
2015	PUBLIC STORAGE	Cole Information Services
2004	IRENE HIDALGO	Cole Information Services
1999	HOLLYWOODWAY TRAILER COURT	Cole Information Services
	SHARON MARTIN	Cole Information Services
1995	Bishop James	Pacific Bell
	Cline J	Pacific Bell
	Herrera John	Pacific Bell
	I Lumley John E	Pacific Bell
	Lumley G	Pacific Bell
	Martin MA Sun	Pacific Bell
	i Martin MC	Pacific Bell
	Peterson E A	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Price C C	Pacific Bell
	i Roland Ella Mrs	Pacific Bell
	Roland Carl	Pacific Bell
	Roman Ruben	Pacific Bell
	Soils Rodrigo	Pacific Bell
	Tilley Bob	Pacific Bell
	i Tilley Brick	Pacific Bell
	Tucker Chaz	Pacific Bell
	Wilkus Ted	Pacific Bell
	Yost Bernice	Pacific Bell
1994	BAXLEY, J	Cole Information Services
	DELESLEY, JOHN JR	Cole Information Services
	GOLDEN, NEAL	Cole Information Services
	ROLAND, ELLA	Cole Information Services
	YOST, BERNICE	Cole Information Services
	PRICE, C C	Cole Information Services
	HOLLYWOODWAY TRAILER COURT	Cole Information Services
	MARTIN, M C	Cole Information Services
	HERRERA, JOHN	Cole Information Services
	WILKUS, TED	Cole Information Services
	TUCKER, CHAZ	Cole Information Services
	MOORE, JAMES	Cole Information Services
	CLINE, J	Cole Information Services
	PETERSON, E A	Cole Information Services
	TILLEY, BRICK	Cole Information Services
	SILVA, ELIAS P	Cole Information Services
	STANDARD, BUD M	Cole Information Services
	BISHOP, JAMES	Cole Information Services
	LUMLEY, JOHN E	Cole Information Services
1991	Bishop James	Pacific Bell
	Cline J	Pacific Bell
	Cline J&C GHis	Pacific Bell
	De Lesley John Jr	Pacific Bell
	De Leston E	Pacific Bell
	Deo etran Nenette	Pacific Bell
	Firebaugh Carl	Pacific Bell
	Golden Neal	Pacific Bell
	Ho Uywoodway Trailer Court	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Lumley John E	Pacific Bell
	Martin MC	Pacific Bell
	Martinez Librada	Pacific Bell
	Mc Adams Jim	Pacific Bell
	Mc Adams Jimmy & Patricia	Pacific Bell
	Moore James	Pacific Bell
	Peterson E A	Pacific Bell
	Peterson E M	Pacific Bell
	Price CC	Pacific Bell
	Price CJ	Pacific Bell
	Roland Ella Mrs	Pacific Bell
	Rudy Paul	Pacific Bell
	Rudy Prince Motors	Pacific Bell
	Silva Elias P	Pacific Bell
	Stackhouse Jesse L	Pacific Bell
	Wilkus Ted	Pacific Bell
	Yost Bernice	Pacific Bell
	Yost C	Pacific Bell
1985	Benander Elmer N	Pacific Bell
	Clark Leonard	Pacific Bell
	Closson Robt	Pacific Bell
	De Lesley John Jr	Pacific Bell
	De Leston E	Pacific Bell
	Denopolos Ernest	Pacific Bell
	Dunwoody Ron	Pacific Bell
	Dyess I A	Pacific Bell
	Firebaugh Carl	Pacific Bell
	Gaghagen Dean C	Pacific Bell
	Garrett E H	Pacific Bell
	Hogan Hurst	Pacific Bell
	Hollywoodway Trailer Court	Pacific Bell
	Hunt J W	Pacific Bell
	Liptak J J	Pacific Bell
	Martin M C	Pacific Bell
	Peterfy M	Pacific Bell
	Peterson E A	Pacific Bell
	Peterson E L	Pacific Bell
	Price C C	Pacific Bell

FINDINGS

Year	Uses	Source
1985	Price C J	Pacific Bell
	Rivera Victor Corey	Pacific Bell
	Roland Ella Mrs	Pacific Bell
	Rudy Paul	Pacific Bell
	RUDY PRIN CE MOTORS	Pacific Bell
	Rust Gary A	Pacific Bell
	Schwarzbeck Frederick	Pacific Bell
	Schwarzbein Z E GHIs	Pacific Bell
	Schwarzberg Katy Van Nuys	Pacific Bell
	Schwarze M	Pacific Bell
	Schwarzer R	Pacific Bell
	Snow Jos	Pacific Bell
	Snow Joyce	Pacific Bell
	Snow LF	Pacific Bell
	Stackhouse Jesse L	Pacific Bell
	Unac Industrial Systems	Pacific Bell
	Unatin Morley	Pacific Bell
	Wilkus Ted	Pacific Bell
	Williams Vernon R	Pacific Bell
1980	ADAMS CARL E BURBANK	Pacific Telephone
	AYERS MARILYN K	Pacific Telephone
	BENANDER ELMER N	Pacific Telephone
	BRAY ROBT	Pacific Telephone
	BRYSON CLAYTON	Pacific Telephone
	BUTLER B MRS	Pacific Telephone
	CROWDER LINDA	Pacific Telephone
	DE LESLEY JOHN JR	Pacific Telephone
	DOANE G H	Pacific Telephone
	DUNWOODY GERALD G	Pacific Telephone
	FIREBAUGH CARL	Pacific Telephone
	HENDERSON DAVID R	Pacific Telephone
	HOGAN HURST	Pacific Telephone
	HOLLYWOODWAY TRAILER COURT	Pacific Telephone
	HUNT J W	Pacific Telephone
	HUNTER ROBT A	Pacific Telephone
	KELSEY C S	Pacific Telephone
	LEVINSON SANFORD	Pacific Telephone
	LIPTAK M J	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	LUCAS ROBT A	Pacific Telephone
	LYON G N	Pacific Telephone
	MAC DONALD RICHARD H	Pacific Telephone
	MARTIN M C	Pacific Telephone
	MCKENZIE W DONALD	Pacific Telephone
	MINTER BILLIE P	Pacific Telephone
	PENNEY BEA	Pacific Telephone
	PETERSON E A	Pacific Telephone
	PRICE C C	Pacific Telephone
	RAMIREZ CARLOS	Pacific Telephone
	ROLAND ELLA MRS	Pacific Telephone
	ROLAND PAUL	Pacific Telephone
	STACKHOUSE JESSE L	Pacific Telephone
	WILKUS TED	Pacific Telephone
1976	Mc Kenny Walter F	Pacific Telephone
	Wilkus Ted	Pacific Telephone
1975	Adams Carl E	Pacific Telephone
	Alford F Z	Pacific Telephone
	Benander Elmer N	Pacific Telephone
	Callahan E A	Pacific Telephone
	Clark Harry M	Pacific Telephone
	De Cleene E J	Pacific Telephone
	De Lesley John Jr	Pacific Telephone
	Derry Wm	Pacific Telephone
	Diamond Belle	Pacific Telephone
	Dickson Martha C	Pacific Telephone
	Doane G H	Pacific Telephone
	Dunwoody Gerald G	Pacific Telephone
	Gray Scott C	Pacific Telephone
	Hollywoodway Trailer Court	Pacific Telephone
	Jacobs G	Pacific Telephone
	Kelsey C S	Pacific Telephone
	Kennedy Earl	Pacific Telephone
	Liptak J J	Pacific Telephone
	Martin Mary C	Pacific Telephone
	Minter Billie P	Pacific Telephone
	Music Z S	Pacific Telephone
	Myers Betty De Buhr	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	Newman Paul	Pacific Telephone
	Penney Bea	Pacific Telephone
	Rice Alexander T	Pacific Telephone
	Roland Ella Mrs	Pacific Telephone
	Scheer Edw	Pacific Telephone
	Shinbloom J M	Pacific Telephone
	Stackhouse Jesse L	Pacific Telephone
	Swartz Frank L	Pacific Telephone
	Westmore Iva L	Pacific Telephone
	Wharff Bernard	Pacific Telephone
	Wilkus Ted	Pacific Telephone
1970	LOWELL WAITER R BURBANK	Pacific Telephone
	MINTER BILLIE P BURBANK	Pacific Telephone
	ADAMS CARL E	Pacific Telephone
	ALFORD F Z	Pacific Telephone
	ALLEN V E	Pacific Telephone
	BAYERLE M	Pacific Telephone
	BENANDER ELMER N	Pacific Telephone
	BOGATTO JOHN	Pacific Telephone
	BROWN ELIZABETH I	Pacific Telephone
	CALLAHAN ELIZABETH A	Pacific Telephone
	CLARK HARRY	Pacific Telephone
	CURTIS HAROLD L	Pacific Telephone
	DIAMOND BELLE	Pacific Telephone
	DOANE G H	Pacific Telephone
	EVANS ROY J	Pacific Telephone
	FOGELSON R L	Pacific Telephone
	GAINES FRANK B	Pacific Telephone
	GLASER JOHN H MRS	Pacific Telephone
	GUY MELVIN	Pacific Telephone
	HOLLYWOODWAY TRAILER COURT	Pacific Telephone
	KOMM WM R	Pacific Telephone
	KUHLENKAMP FLOY	Pacific Telephone
	LIPTAK J J	Pacific Telephone
	LITTLE BUFFALO GEO	Pacific Telephone
	LOEWENGUTH W R	Pacific Telephone
	LYON PAUL	Pacific Telephone
	MARTIN MARY C	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	MUSIC Z S	Pacific Telephone
	NIENSTEDT ANNA	Pacific Telephone
	OZANICH J E	Pacific Telephone
	PENNEY BEA	Pacific Telephone
	RICE ALEX T	Pacific Telephone
	SCOTT CHAS L	Pacific Telephone
	SHARP CLAIR L	Pacific Telephone
	SHERBESMAN KATHERINE	Pacific Telephone
	SHINBLOOM J M	Pacific Telephone
	SIDEBOTHAM HAZEL U	Pacific Telephone
	SMITH PAULINE MARGARET	Pacific Telephone
	SOCKWELL D K	Pacific Telephone
	STEIN BERTHA L	Pacific Telephone
	SWARTZ FRANK L	Pacific Telephone
	TILLOTSON FRANCIS J	Pacific Telephone
	WHARFF BERNARD	Pacific Telephone
	ADAMS CARL E	Pacific Telephone
	ALFORD F Z	Pacific Telephone
	ALLEN V E	Pacific Telephone
	BAYERLE M	Pacific Telephone
	BENANDER ELMER N	Pacific Telephone
	BOGATTO JOHN	Pacific Telephone
	BROWN ELIZABETH I	Pacific Telephone
	CALLAHAN ELIZABETH A	Pacific Telephone
	CLARK HARRY	Pacific Telephone
	CURTIS HAROLD L	Pacific Telephone
	DIAMOND BELLE	Pacific Telephone
	DOANE G H	Pacific Telephone
	EVANS ROY J	Pacific Telephone
	FOGELSON R L	Pacific Telephone
	GAINES FRANK B	Pacific Telephone
	GLASER JOHN H MRS	Pacific Telephone
	GUY MELVIN	Pacific Telephone
	HOLLYWOODWAY TRAILER COURT	Pacific Telephone
	KOMM WM R	Pacific Telephone
	KUHLENKAMP FLOY	Pacific Telephone
	LIPTAK J J	Pacific Telephone
	LITTLE BUFFALO GEO	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	LOEWENGUTH W R	Pacific Telephone
	LYON PAUL	Pacific Telephone
	MARTIN MARY C	Pacific Telephone
	MUSIC Z S	Pacific Telephone
	NIENSTEDT ANNA	Pacific Telephone
	OZANICH J E	Pacific Telephone
	PENNEY BEA	Pacific Telephone
	RICE ALEX T	Pacific Telephone
	SCOTT CHAS L	Pacific Telephone
	SHARP CLAIR L	Pacific Telephone
	SHERBESMAN KATHERINE	Pacific Telephone
	SHINBLOOM J M	Pacific Telephone
	SIDEBOTHAM HAZEL U	Pacific Telephone
	SMITH PAULINE MARGARET	Pacific Telephone
	SOCKWELL D K	Pacific Telephone
	STEIN BERTHA L	Pacific Telephone
	SWARTZ FRANK L	Pacific Telephone
	TILLOTSON FRANCIS J	Pacific Telephone
	WHARFF BERNARD	Pacific Telephone
1962	ALEXANDER ROY	Pacific Telephone
	ALLEN ROBT H SR	Pacific Telephone
	ANDERSON CORRINE	Pacific Telephone
	BENDER HELEN C	Pacific Telephone
	BERKOWITZ PAULINE R	Pacific Telephone
	BLOHM RICHARD G	Pacific Telephone
	CHAPMAN C M	Pacific Telephone
	CORDES A L	Pacific Telephone
	CRIVYEA ROSS D	Pacific Telephone
	DAVIS DONALD D	Pacific Telephone
	DOANE G H	Pacific Telephone
	DYKE WALTER ROY	Pacific Telephone
	GEER FRANK	Pacific Telephone
	GEER MARY	Pacific Telephone
	HARTMAN WANDA J	Pacific Telephone
	HEATER ROLLIN A	Pacific Telephone
	HOLLYWOODWAY TRAILER COURT	Pacific Telephone
	INFANTE FRANCES	Pacific Telephone
	JENSEN GEO	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	JOHNSON EARL L	Pacific Telephone
	JONES LEON A	Pacific Telephone
	KLAWITTER LOUISE	Pacific Telephone
	KOMM WM R	Pacific Telephone
	LOEWENGUTH W R	Pacific Telephone
	MILLER GLENN	Pacific Telephone
	MILLER OLIVE	Pacific Telephone
	MOTT E A	Pacific Telephone
	MUSIC ROBT E	Pacific Telephone
	PROBST FRANK A	Pacific Telephone
	RICE ALEX T	Pacific Telephone
	SCHMIDT EVELYN	Pacific Telephone
	SCHMIDT FREDRIC	Pacific Telephone
	SELBY FLOSSIE H	Pacific Telephone
	SHEARER LESLIE J	Pacific Telephone
	SHERBESMAN KATHERINE	Pacific Telephone
	SHINBLOOM J M	Pacific Telephone
	SHULER MARJORIE MRS	Pacific Telephone
	SIDEBOTHAM WM	Pacific Telephone
	SMITH PAULINE MARGARET	Pacific Telephone
	STEVENS EARL A BURBANK	Pacific Telephone
	STEVENSON BYRLE A	Pacific Telephone
	SUMMERS GUY	Pacific Telephone
	SWARTZ FRANK L	Pacific Telephone
	TWERP JOE	Pacific Telephone
	WHEELESS ODELL C	Pacific Telephone
	WILEY J ALBERT	Pacific Telephone
1956	ALEXANDER ROY	Pacific Telephone
	BERKOWITZ PAULINE R	Pacific Telephone
	CONYERS RALPH E	Pacific Telephone
	COOMBES FRANCIS C	Pacific Telephone
	CROWE WALLACE	Pacific Telephone
	DAVIS DONALD D	Pacific Telephone
	DOANE G H	Pacific Telephone
	EVANS EVAN	Pacific Telephone
	GERBER ARTHUR J	Pacific Telephone
	HOLLYWOODWAY TRAILER COURT	Pacific Telephone
	KLAWITTER LOUISE	Pacific Telephone

FINDINGS

Year	Uses	Source
1956	MOORE PAULINE K	Pacific Telephone
	MOORE RAY	Pacific Telephone
	MOTT E A	Pacific Telephone
	OLSEN VIOLA	Pacific Telephone
	PAYTON ALFRED	Pacific Telephone
	PRATT HENRY L JR	Pacific Telephone
	ROBERTS JAS E	Pacific Telephone
	ROSENTHAL CHAS H	Pacific Telephone
	ROULSTON WM A	Pacific Telephone
	RUSH LEON L	Pacific Telephone
	SHINBLOOM SHIRLEY	Pacific Telephone
	SHOEMAKER H R	Pacific Telephone
	SHORTMAN JOHN R	Pacific Telephone
	SINCLAIR LA VERNE	Pacific Telephone
	SMITH PAULINE MARGARET	Pacific Telephone
	TED S IDEAL CLEANERS	Pacific Telephone
	THOMPSON F J	Pacific Telephone
	TWERP JOE	Pacific Telephone
	WILLIAMS HELEN M	Pacific Telephone
	WILLIAMS TED R	Pacific Telephone
1950	STANDEFER G K R BURBANK	Pacific Telephone
	STANDEFER G K R BURBANK	Pacific Telephone
	ALEXANDER ROY R	Pacific Telephone
	HOEFER WM F R	Pacific Telephone
	LONGFIELD MAY H R	Pacific Telephone
	MOORE RAY R	Pacific Telephone
	RICE ALEX T R	Pacific Telephone
	SMITH PAULINE MARGARET R	Pacific Telephone
	ALEXANDER ROY R	Pacific Telephone
	HOEFER WM F R	Pacific Telephone
	LONGFIELD MAY H R	Pacific Telephone
	MOORE RAY R	Pacific Telephone
	RICE ALEX T R	Pacific Telephone
	SMITH PAULINE MARGARET R	Pacific Telephone

2243 N HOLLYWOOD WAY

Year	Uses	Source
2015	TREW AUDIO LOS ANGELES	Cole Information Services
	PACIFIC RADIO ELECTRONICS INC	Cole Information Services

Year	Uses	Source
2009	PACIFIC RADIO EXCHANGE INC	Cole Information Services
2006	PAC RADIO ELECTRONICS INC	Haines Company, Inc.
	PAC RADIO ELECTRONICS INC	Haines Company, Inc.
2004	PACIFIC RADIO ELECTRONICS INC	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	PACIFIC RADIO ELECTRONICS INCORPORATED	Cole Information Services

2249 N HOLLYWOOD WAY

Year	Uses	Source
2009	MATRIX MEDICAL LABS	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	LAB1 MEDICAL LAB INC	Cole Information Services
1999	WESTERN CYTOPATHOLOGY LABORATORIES INCORPORATED	Cole Information Services
1994	NOBART INC	Cole Information Services
	DANOBART INC	Cole Information Services

2268 N HOLLYWOOD WAY

Year	Uses	Source
1980	HOLMES WM B	Pacific Telephone
1956	MCCARTNEY HENRIETTA	Pacific Telephone

2288 N HOLLYWOOD WAY

Year	Uses	Source
1970	LORIMER E	Pacific Telephone
	LORIMER E	Pacific Telephone

2331 N HOLLYWOOD WAY

Year	Uses	Source
1950	SHOMAN S DAIRY	Pacific Telephone
	SHOMAN S DAIRY	Pacific Telephone

2340 N HOLLYWOOD WAY

Year	Uses	Source
2015	CTGY	Cole Information Services
2009	LFCU BROKERAGE INC	Cole Information Services
	LOCKHEED MARTIN CORP	Cole Information Services
	UNIV OF LAVERNE SCHOOL OF CONTINUING	Cole Information Services
	UNIVERSITY OF LAVERNE	Cole Information Services

FINDINGS

Year	Uses	Source
2009	LOCKHEED FEDERAL CREDIT UNION	Cole Information Services
2006	CTGY	Haines Company, Inc.
2004	OCCUPANT UNKNOWN	Cole Information Services
	LOCKHEED MARTIN CORP	Cole Information Services
1994	LOCKHEED FEDERAL CREDIT UNION	Cole Information Services
1991	University Of Laverne	Pacific Bell
	B &P The Spaceconnection Inc	Pacific Bell
	Daniell JR Engineering Co	Pacific Bell
	Main Office	Pacific Bell
	No Charge To Calling Party	Pacific Bell
	QUE	Pacific Bell
	Spaceconnection Inc The	Pacific Bell
1985	Lockheed Federal Credit Union Contd Operations Offhce	Pacific Bell
	Loan Department	Pacific Bell
	New Accounts	Pacific Bell
	QUE	Pacific Bell
	Share Drafts Tellers	Pacific Bell
	Statements	Pacific Bell
	Weber Aircraft Co Employees	Pacific Bell
1970	POLICH BENEDICT CONSTRUCTION CO INC	Pacific Telephone
	POLICH BENEDICT CONSTRUCTION CO INC	Pacific Telephone

2341 N HOLLYWOOD WAY

Year	Uses	Source
1991	Queirolo David	Pacific Bell
	Queiros G	Pacific Bell
	Quelch Y	Pacific Bell

2228B N HOLLYWOOD WAY

Year	Uses	Source
1980	G M SIGNS	Pacific Telephone
	G M SIGNS INC	Pacific Telephone

N LIMA ST

2015 N LIMA ST

Year	Uses	Source
1995	Original Heidelberg Pretzel Co	Pacific Bell

FINDINGS

N SCREENLAND DR

2220 N SCREENLAND DR

Year	Uses	Source
1980	JOHANSON MONOLITHIC DIELECTRICS INC	Pacific Telephone

2240 N SCREENLAND DR

Year	Uses	Source
2015	PACIFIC TITLE ARCHIVES	Cole Information Services
2009	TYLIE JONES & ASSOCIATES INC	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	JONES TYLIE & ASSOCIATES	Cole Information Services
1980	AUTOMOTIVE JOBBER SUPPLY INC	Pacific Telephone

SCREENLAND DR

2240 SCREENLAND DR

Year	Uses	Source
1995	Century Council The	Pacific Bell
1985	From Van Nuys Telephones Call	Pacific Bell
1975	Automotive Jobber Supply Inc	Pacific Telephone

VALHALLA DR

3520 VALHALLA DR

Year	Uses	Source
2001	QUANTEGY INC	Haines & Company, Inc.
	QUANTEGY INC	Haines & Company, Inc.
	AMPEX	Haines & Company, Inc.
1990	BARROW FABRICS INC OF CALIF BURBANK	Pacific Bell
1986	BARROW FABRICS INC OF CALIF BURBANK	Pacific Bell
1981	BARROW FABRICS INC OF CALIF BURBANK	Pacific Telephone
1980	BARROW FABRICS INC OF CALIF	Pacific Telephone
	BARROW FABRICS INC OF CALIF	Pacific Telephone

3540 VALHALLA DR

Year	Uses	Source
2001	ORGATECH OMEGALUX	Haines & Company, Inc.

Year	Uses	Source
1986	STOR-WEL SYSTEMS BURBANK	Pacific Bell
1985	LB Industries plastc hdwe	Pacific Bell
	Stor Wel Systems	Pacific Bell
1981	STOR- WEL SYSTEMS BURBANK	Pacific Telephone
1980	STOR-WEL SYSTEMS	Pacific Telephone
	L B INDUSTRIES PLASTC HDWE	Pacific Telephone

3620 VALHALLA DR

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.

VANOWEN PL

3714 VANOWEN PL

Year	Uses	Source
1956	V CAFE	Pacific Telephone

VANOWEN ST

3310 VANOWEN ST

Year	Uses	Source
2001	INSURANCE COURIER SERVICES	Haines & Company, Inc.
1991	cuae Leak Dtection	Pacific Bell
	Accurate Lazer Graphics 84	Pacific Bell
	Accurate Laser Internat I	Pacific Bell
1980	SEATON-WILSON DIV OF SYSTRON-DONNER CORP CPLNG	Pacific Telephone
	FILTRACO DIV SEATON WILSON INC	Pacific Telephone
1976	Seaton Wilson Inc Subsidiary Of Systron Donner Corp cplngs	Pacific Telephone
	Filtraco Div Seaton Wilson Inc	Pacific Telephone
1975	Filtraco Div Seaton Wilson Inc	Pacific Telephone
	Seaton Wilson Inc Subsidiary Of Systron Donner Corp cplngs	Pacific Telephone
1970	SIERRA SCHROEDER CONTROLS A DIV OF CAL-VAL RESEARCH & DEVELOPMENT CORP	Pacific Telephone
	ROBINTECH INC	Pacific Telephone
	ROBINSON TECHNICAL PRODUCTS	Pacific Telephone
	SIERRA SCHROEDER CONTROLS A DIV OF CAL-VAL RESEARCH & DEVELOPMENT CORP	Pacific Telephone

Year	Uses	Source
1970	ROBINTECH INC	Pacific Telephone
	ROBINSON TECHNICAL PRODUCTS	Pacific Telephone
1962	PESCO PRODUCTS DIV OF BORGWARNER CORP	Pacific Telephone
	BORG-WARNER CORP PESCO PRODUCTS DIV PESCO PRODUCTS DIVISION OF BORG-WARNER	Pacific Telephone
	PESCO PRODUCTS DIV OF BORG-ARNER CORP	Pacific Telephone
1960	PESCO PRODUCTS DIV OF BORG-WARNER CORP	Pacific Telephone

3714 VANOWEN ST

Year	Uses	Source
1962	H & H AUTO WRECKERS	Pacific Telephone
	V CAFE	Pacific Telephone

VANOWEN ST W

3310 VANOWEN ST W

Year	Uses	Source
1970	ROBINTECH INC ELECTRO MECHANICAL DIV PARTS MFR	R. L. Polk & Co.

W PACIFIC AVE

3513 W PACIFIC AVE

Year	Uses	Source
1981	STEPHENS ELECTRONICS INC BURBANK	Pacific Telephone
1980	STEPHENS ELECTRONICS INC	Pacific Telephone
1976	Stephens Electronics Inc	Pacific Telephone

3519 W PACIFIC AVE

Year	Uses	Source
1991	Jones Tylie & Associates Inc	Pacific Bell
1985	Artisan Brass Products	Pacific Bell
1980	ARTISAN BRASS PRODUCTS	Pacific Telephone

3521 W PACIFIC AVE

Year	Uses	Source
1980	REINER DOROTHY B COURT REPORTING	Pacific Telephone

Year	Uses	Source
1980	BURBANK COLLEGE OF COURT REPORTING BURBANK	Pacific Telephone

W PACIFIC LN

3513 W PACIFIC LN

Year	Uses	Source
1971	STEPHENS ELECTRONICS INC	Pacific Telephone
1970	SAV-ON ASSEMBLY CO	Pacific Telephone
	SAV-ON ASSEMBLY CO	Pacific Telephone
1967	SAV ON ASSEMBLY CO	Pacific Telephone
1962	B & M ENGINEERING CO TOOL DESGNRS	Pacific Telephone
1956	B & M ENGINEERING CO TOOL DESGNRS	Pacific Telephone

3519 W PACIFIC LN

Year	Uses	Source
1962	KINDRED AVIATION & AIRCRAFT ENGINE SUPPLY CO	Pacific Telephone
	KINDRED AVIATION & AIRCRAFT ENGINE SUPPLY CO	Pacific Telephone
1958	Kindred Aviation & Aircraft Engine Supply Co	Pacific Telephone
1956	KINDRED AVIATION CO	Pacific Telephone

W VALHALLA DR

3520 W VALHALLA DR

Year	Uses	Source
2015	FLASHPOINT GRAPHIX	Cole Information Services
2009	PACIFIC TITLE ARCHIVES	Cole Information Services
2006	ARCHIVES	Haines Company, Inc.
	PACTITLE	Haines Company, Inc.
2004	QUANTEGY INC	Cole Information Services
1999	AMPEX	Cole Information Services
	QUANTEGY INCORPORATED	Cole Information Services
1994	BARROW FABRICS INC OF CALIF	Cole Information Services

3540 W VALHALLA DR

Year	Uses	Source
1999	ORGATECH OMEGALUX	Cole Information Services

Year	Uses	Source
1994	ORGATECH AMERICA	Cole Information Services
	WESTERN LIGHTING INDUSTRIES	Cole Information Services

3620 W VALHALLA DR

Year	Uses	Source
2015	DIGITAL 2 VISUAL	Cole Information Services
1994	VISTA SCENERY INC	Cole Information Services
	VISTA ELECTRONICS INC	Cole Information Services
	4 WARD PRODUCTION INC	Cole Information Services

3640 W VALHALLA DR

Year	Uses	Source
2015	PACIFIC TITLE ARCHIVES	Cole Information Services

W VANOWEN ST

3310 W VANOWEN ST

Year	Uses	Source
2015	EVOLUTION FILM	Cole Information Services
2009	EVOLUTION MEDICAL	Cole Information Services
	EVOLUTION FILM & TAPE INC	Cole Information Services
2006	EVOLUTION FILM	Haines Company, Inc.
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	INSURANCE COURIER SERVICES	Cole Information Services
1994	ACCURATE LASER INTL	Cole Information Services

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
2015 N LIMA ST	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2201 N HOLLYWOOD WAY	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2201 N HOLLYWOOD WAY	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2205 HOLLYWOOD BOWL RD	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2205 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2205 N HOLLYWOOD WAY	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1990, 1981, 1980, 1972, 1971, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2205 N HOLLYWOOD WAY	2015, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2207 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2210 N HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2211 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2211 N HOLLYWOOD WAY	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1972, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2211 N HOLLYWOOD WAY	2015, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2220 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2220 N HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1986, 1972, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2220 N HOLLYWOOD WAY	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2220 N SCREENLAND DR	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2226 N HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2228 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2228 N HOLLYWOOD WAY	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1981, 1972, 1969, 1966, 1965, 1964, 1963, 1961, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2228 N HOLLYWOOD WAY	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2228A HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2228B HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2228B N HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2230 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2230 N HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1972, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2231 HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2231 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2231 N HOLLYWOOD WAY	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1990, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
2231 N HOLLYWOOD WAY	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2232 N HOLLYWOOD WAY	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2232 N HOLLYWOOD WAY	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2235 N HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2237 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2237 N HOLLYWOOD WAY	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2237 N HOLLYWOOD WAY	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1980, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2240 H HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2240 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2240 N HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1990, 1986, 1981, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2240 N HOLLYWOOD WAY	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2240 N SCREENLAND DR	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2240 N SCREENLAND DR	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2240 SCREENLAND DR	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2243 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2243 N HOLLYWOOD WAY	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2243 N HOLLYWOOD WAY	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2248 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2249 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2249 N HOLLYWOOD WAY	2015, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2250 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2268 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2268 N HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2280 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2288 N HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2315 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2316 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2331 HOLLYWOOD WAY N	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1951, 1950, 1949, 1948, 1947, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2331 N HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
2340 N HOLLYWOOD WAY	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2340 N HOLLYWOOD WAY	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
2341 N HOLLYWOOD WAY	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3310 VANOWEN ST	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1990, 1986, 1985, 1981, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3310 VANOWEN ST W	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3310 W VANOWEN ST	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3310 W VANOWEN ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3513 W PACIFIC AVE	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3513 W PACIFIC LN	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3519 W PACIFIC AVE	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
3519 W PACIFIC LN	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3520 VALHALLA DR	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1985, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3520 W VALHALLA DR	2015, 2009, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3520 W VALHALLA DR	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3521 W PACIFIC AVE	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3540 VALHALLA DR	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3540 W VALHALLA DR	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3620 VALHALLA DR	2015, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3620 W VALHALLA DR	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3640 W VALHALLA DR	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3714 VANOWEN PL	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
3714 VANOWEN ST	2015, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

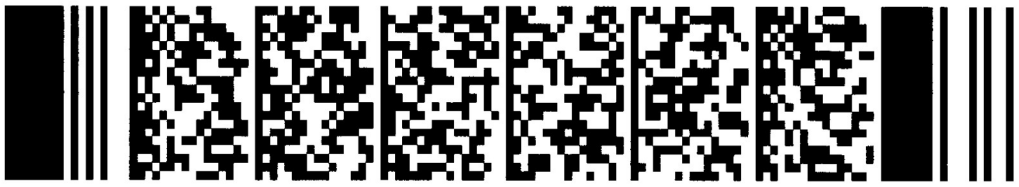
TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

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
2311 N Hollywood Way	2003, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1955, 1954, 1951, 1949, 1948, 1947, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

BURBANK FIRE DEPT

2311 N Hollywood Way



2311 N Hollywood Way

BURBANK FIRE DEPARTMENT

00745

HAZARDOUS MATERIALS DIVISION
311 East Orange Grove Avenue, Burbank CA 91502-1221

BUSINESS PLAN ANNUAL RENEWAL CERTIFICATION

Hazardous Materials Inventory

I have reviewed my inventory and certify the following:

- ☐ **Add:** Complete one **Hazardous Materials Inventory—Chemical Description Form** checking the "Add" box to add each hazardous material that you have not previously disclosed. Submit one form per chemical.
- ☐ **Delete:** Write "delete" across the **Hazardous Materials Inventory—Chemical Description Form** checking the "Delete" box to delete any previously disclosed hazardous material that is no longer used. Submit one form per chemical.
- ☐ **Revise:** Write the correct amounts, locations, or container type that has changed checking the "Revise" box to reflect the accuracy of any previously reported hazardous material on each **Hazardous Materials Inventory—Chemical Description Form**. Submit one form per chemical.
- ☐ **EPCRA Compliance:** Fill in the EPCRA field on the **Hazardous Materials Inventory—Chemical Description Form** and **sign** for any hazardous material type and quantity identified on 40 CFR Part 355, Appendix A—The List of Extremely Hazardous Substances and Their Threshold Planning Quantities.
- ☐ **No Change:** The previously submitted inventory is accurate.

Consolidated Contingency Plan (CCP)

I have reviewed the CCP and certify that the CCP on file with your agency is accurate and current in accordance with the following conditions:

- ☐ **Modification:** Significant changes in facility personnel or operations required a revision of the CCP. Complete, **sign**, and submit a new CCP with this form.
- ☐ **No Change:** There have not been any significant changes in the facility's personnel and operations that require a revision to the current CCP.

Cal-ARP Program

I reviewed the threshold quantities in Section 2770.5 of Title 19 of the California Code of Regulations and certify that any regulated substance complies with the following registration requirement:

- ☐ **Add:** Complete the **Cal-ARP Program Regulated Substance Registration** form only if the regulated substance is at or above the threshold quantity (TQ). Submit one form per chemical.
- ☐ **No Change:** The previously submitted registration for regulated substance(s) is accurate.

ANNUAL CERTIFICATION

I certify under penalty of law that I have personally examined the information submitted herein and believe the submitted information is complete, accurate, and up to date. Also, no hazardous materials subject to the inventory requirements of this Chapter, (California Health & Safety Code Chapter 6.95) are being handled that are not listed on the most recently submitted annual inventory form.

Ricardo Castrillo	Kathryn J. Kolder	
Print Name of Document Preparer	Print Name of Owner/Operator	Signature of Owner/Operator
Fry's Electronics Inc	**2311 N Hollywood WAY**	2/18/08
Business Name	Site Address	Date

Submit this packet to the above address before March 1, 2008 to avoid penalties or other enforcement options.

Obtain additional forms from our website at ***http://www.burbankfire.us/mainpage.htm.***
or from the Burbank Fire Department at (818) 238-3473.

00745

UNIFIED PROGRAM (UP) FORM

BUSINESS OWNER / OPERATOR IDENTIFICATION

☐ NEW BUSINESS ☐ OUT OF BUSINESS ☐ REVISE/UPDATE **(EFFECTIVE 01/01/2008)** PAGE 1 OF 2

I. IDENTIFICATION

FACILITY ID# (CUPA #) 1: AR0013833		BEGINNING DATE 100: 1/1/2008	ENDING DATE 101: 12/31/2008
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3: Fry's Electronics Inc			BUSINESS PHONE 102: 818-526-8100
BUSINESS SITE ADDRESS 103: 2311 N Hollywood WAY			
CITY 104: Burbank	STATE: CA		ZIP CODE 105: 91505
DUN & BRADSTREET NUMBER 106:			SIC CODE (4 DIGIT #) 107:
COUNTY 108: Los Angeles			UNINCORPORATED 133a: ☐ Yes ☒ No
BUSINESS OPERATOR 109: John Goyette			BUSINESS OPERATOR PHONE 110: 818-526-8159

II. BUSINESS OWNER

OWNER NAME 111: Fry's Electronics Inc		OWNER PHONE 112: 408-487-4500
OWNER MAILING ADDRESS 113: 600 E. Brokaw Rd.		
CITY 114: San Jose	STATE 115: CA	ZIP CODE 116: 95112

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117: Kevin Robins		CONTACT PHONE 118: 408-487-4500
CONTACT MAILING ADDRESS 119: 600 E. Brokaw Rd.		
CITY 120: San Jose	STATE 121: CA	ZIP CODE 122: 95112

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123: ~~John Goyette~~ Everett Martinez	NAME 128: ~~Javier Arellano~~ Carmen Barragan
TITLE 124: Store Manager	TITLE 129: Loss Prevention Manager
BUSINESS PHONE 125: 818-526-8159	BUSINESS PHONE 130: 818-526-8155
24-HOUR PHONE 126: 818-526-8159	24-HOUR PHONE 131: 818-526-8155
CELL # 127: ~~818-318-2480~~ (310) 493-0241	CELL # 132: ~~323-273-8201~~ (818) 415-6169

V. ADDITIONAL LOCALLY COLLECTED INFORMATION

NUMBER OF EMPLOYEES 133b:	FEDERAL TAX IDENTIFICATION NUMBER 133c: 77-0062030

VI. MAILING / BILLING INFORMATION

NAME 133i: Fry's Electronics Inc	CONTACT 133h: Ricardo Castrillo		PHONE NUMBER 133j: 408-487-4702
ADDRESS 133d: 600 E Brokaw Rd	CITY 133e: San Jose	STATE 133f: CA	ZIP CODE 133g: 95112

CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134: 2/18/08	NAME OF DOCUMENT PREPARER 135: Ricardo Castrillo
NAME OF SIGNER (PRINT) 136: Kathryn J. Kolder	TITLE OF SIGNER 137: Executive Vice President	

UNIFIED PROGRAM (UP) FORM

BUSINESS ACTIVITIES

00745

YEAR **2008**

I. FACILITY IDENTIFICATION

FACILITY ID # (CUPA #)	1	EPA ID # (Hazardous Waste Only)	2
	AR0013833		

BUSINESS NAME (Same as Facility Name of DBA-Doing Business As) 3

Fry's Electronics Inc

II. ACTIVITIES DECLARATION

NOTE: Please submit the Business Owner/Operator Identification Form with this Page

Does your facility . . .	If Yes, please complete these pages of the UPCF. . .	
A. HAZARDOUS MATERIALS		
Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☒ NO 4	✔ HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESC ✔ CONSOLIDATED CONTINGENCY PLAN (Section I and Site Map(s)) ✔ TRAINING PLAN
B. UNDERGROUND STORAGE TANKS (USTs)		✔ UST FACILITY
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5	✔ UST TANK (one page per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6	✔ UST FACILITY ✔ UST TANK (one per tank) ✔ UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank)
3. Need to report closing a UST?	☐ YES ☒ NO 7	✔ UST TANK (closure portion –one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)		
Own or operate ASTs above these thresholds: any tank capacity is greater than 660 gallons, or the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8	NO FORM REQUIRED TO CUPA's
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☐ YES ☒ NO 9	✔ EPA ID NUMBER – provide at the top of this page. ✔ As a generator, answer YES to Item E2b and complete Waste Generator Form.
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES ☒ NO 10	✔ RECYCLABLE MATERIALS REPORT
3. Treat hazardous waste on site?	☐ YES ☒ NO 11	✔ ON-SITE HAZARDOUS WASTE TREATMENT – FACILITY ✔ ON-SITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12	✔ CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13	✔ REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	☐ YES ☒ NO 14	✔ HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
E. LOCAL REQUIREMENTS		15
1. REGULATED SUBSTANCES Have Regulated Substances (RS) including Extremely Hazardous Substances (EHS) stored on site at greater than the threshold planning quantities established by the California Accidental Release Program (CalARP)?	☐ YES ☒ NO 15a	In addition to Hazardous Materials requirements, complete: ✔ REGULATED SUBSTANCE REGISTRATION ✔ RISK MANAGEMENT PLAN (when required)
2. OTHER REQUIREMENTS		
a. Have hazardous materials stored on site at or above a threshold amount established by a CUPA's or PA's local ordinance?	☐ YES ☒ NO 15b	✔ Consult local CUPA or PA for added reporting requirements.
b. Required by a CUPA or PA to provide other information?	☐ YES ☒ NO 15c	✔ WASTE GENERATOR FORM (LA County)

CITY OF BURBANK
311 ORANGE GROVE AVENUE, BURBANK CALIFORNIA 91502-1221
(818) 238-3473
FAX (818) 238-3479

FIRE DEPARTMENT

January 10, 2008

RICARDO CASTRILLO
FRY'S ELECTRONICS INC
600 E BROKAW RD
SAN JOSE CA 95112

Subject: **00745 – FRY'S ELECTRONICS INC**
2311 N HOLLYWOOD WAY

California Health & Safety Code, Chapter 6.95, Article 1 and Burbank Municipal Code §15-1-2701-5.1 require all businesses that store, use, or handle hazardous materials in quantities that meet or exceed the thresholds established in Health & Safety Code §25503.6 (as indicated below), to submit a completed Hazardous Materials Inventory Disclosure Statement annually. Our records indicate that you meet these requirements.

The established thresholds are a hazardous material or a mixture containing a hazardous material in an aggregate quantity at any one time during the reporting year equal to or greater than a ***TOTAL weight of 500 pounds***, or a ***TOTAL volume of 55 gallons***, or a ***TOTAL volume of 200 cubic feet*** at standard temperature and pressure for compressed gas, or the threshold quantity (if less than 500 pounds) for regulated substances. A mixture that contains one percent (1%) or more of a hazardous ingredient is a hazardous material. A mixture that contains one tenth of one percent (.1%) or more of a carcinogen is a hazardous material. The *California Accidental Release Prevention (CalARP) Program* requires all regulated substance handlers to register with the Burbank Fire Department. Our records indicate that you meet these requirements.

These Hazardous Materials Inventory Disclosure forms are currently part of a Consolidated Permit Package issued by the Los Angeles County Certified Unified Program Agency (LACoCUPA). Please carefully read the instructions, complete the enclosed forms, and sign where indicated. Return ***ORIGINAL*** forms to the Burbank Fire Department with original signatures by ***March 1, 2008***. Failure to submit a properly completed and signed Business Plan Annual Renewal Certification statement, signed Business Owner / Operator Identification page, and Business Activities page by the due date could result in civil penalties. A self-addressed envelope is enclosed for your convenience.

BE SURE TO RETAIN A COPY FOR YOUR RECORDS.

See attached schedule for your submittal requirements.

If you have ...	Then complete, sign, and submit the following forms:
no changes to your inventory or Consolidated Contingency Plan,	1. Business Plan Annual Renewal Certification Form – signed; 2. HazMat Owner and Operator Identification page – signed; and 3. HazMat Business Activities page
no changes to your inventory or Consolidated Contingency Plan, but you are subject to EPCRA,	1. Business Plan Annual Renewal Certification Form – signed; 2. HazMat Owner and Operator Identification page – signed; 3. HazMat Business Activities page; and 4. Hazardous Materials Inventory Statement — sign each hazardous material being reported as an extremely hazardous substance.
changes to your inventory,	1. Business Plan Annual Renewal Certification Form – signed; 2. HazMat Owner and Operator Identification page – signed; 3. HazMat Business Activities page; and 4. Hazardous Materials Inventory — Chemical Description Form to add new reportable hazardous materials. Make as many copies as you need to disclose each reportable hazardous material that you will handle in 2008;
changes to your Consolidated Contingency Plan,	1. Business Plan Annual Renewal Certification Form – signed; 2. HazMat Owner and Operator Identification page – signed; 3. HazMat Business Activities page; and 4. A revised Consolidated Contingency Plan form.
a chemical that is at or above the threshold quantity for a regulated substance.	1. Business Plan Annual Renewal Certification Form – signed; 2. HazMat Owner and Operator Identification page – signed; 3. HazMat Business Activities page; and 4. A Cal-ARP Program Regulated Substances Registration form.

Forms can now be downloaded from our website at *http://www.Burbankfire.US/Mainpage.Htm*. These forms may be completed on your computer by using Microsoft Word. If you are unable to download the required forms from our website, or have questions, or need assistance, please contact the Fire Prevention Bureau at (818) 238-3473.

Thank you for your cooperation.

Jorge Martinez, Fire Safety Analyst

/md

BURBANK FIRE DEPARTMENT

HAZARDOUS MATERIALS DIVISION
311 East Orange Grove Avenue, Burbank CA 91502-1221

00745

HAZARDOUS MATERIALS REPORTING FORMS

Enclosed is your most recent Hazardous Materials Inventory Statement based on the latest information available. Please carefully review it for accuracy. The requirements for submitting a consolidated Contingency Plan have changed (see * on page 1). If you require assistance in completing these forms, please feel free to contact the Burbank Fire Department, Hazardous Materials Division, at (818) 238-3475, Monday through Friday 7:30 to 9:00 AM and 1:00 to 4:00 PM.

Return to the Burbank Fire Department this Re-Certification Procedure Page signed and dated along with a newly completed and signed Business Activities Form, Business Owner/Operator Identification Form, and any other appropriate and/or requested forms on or before March 1. ***Failure to complete and return these forms by March 1 may result in fines and penalties. Keep a copy of the entire package for your records.*** *To avoid late penalties, this Department recommends use of CERTIFIED MAIL to ensure delivery of these forms before the March 1 deadline.*

RE-CERTIFICATION PROCEDURE

Please check the appropriate box(es)

HAZARDOUS MATERIALS:

☐ **Delete:** If you no longer handle a material on the Inventory Statement provided, ***draw a line*** through the discontinued material, and ***complete a Chemical Description form writing "DELETE"*** across the form for each material you no longer handle.

☐ **Add:** If you are handling materials not previously disclosed, ***make copies of Chemical Description form and complete*** all information on the form (one form per material).

☐ **Revise/Update:** Cross out any errors on the Inventory Statement and Clearly Print the correct information. ***Make copies of Chemical Description form and complete*** all information on the form ***indicating "REVISE"*** (one form per material).

☐ **No Change:** There has been no change in the quantity of any hazardous material as reported, ***return the Inventory Statement we provided*** along with a newly completed and signed ***Business Activities Form, Business Owner/Operator Identification Form***, and this ***Re-Certification Procedure page*** signed and dated.

BURBANK FIRE DEPT
12 APR 07 06 58

CONSOLIDATED CONTINGENCY PLAN:

☐ **Change:** Mark this Box if you are updating the Consolidated Contingency Plan.

☒ **No Change:** Mark this box if the Consolidated Contingency Plan on file is correct and complete.

REGULATED SUBSTANCE REGISTRATION:

☐ **Regulated Substance Registration:** If you are handling a Regulated Substance not previously disclosed, you must also *complete the Regulated Substance Registration Form*. Complete only if substance is at or above threshold Quantity (TQ). A list of Regulated Substances is attached for reference.

THE SUBMITTAL OF THE HAZARDOUS MATERIALS BURBANK REPORTING FORMS CONTAIN ALL OF THE REQUIRED STATE & FEDERAL INVENTORY INFORMATION AND SATIFIES THE REQUIREMENTS OF BOTH STATE & FEDERAL REGULATIONS.

ANNUAL CERTIFICATION

I certify under penalty of law that I have personally examined the information submitted herein and believe the submitted information is complete, accurate, and up to date. Also, no hazardous materials subject to the inventory requirements of this chapter, (California Health & Safety Code Chapter 6.95) are being handled that are not listed on the most recently submitted annual inventory form.

Ricardo Castrillo	Kathryn J. Kolder	
Print Name of Document Preparer	Print Name of Owner/Operator	Signature of Owner/Operator
Fry's Electronics Inc	**2311 N Hollywood Way**	
Business Name	Facility/Site Address	Date

00745

UNIFIED PROGRAM (UP) FORM

BUSINESS OWNER / OPERATOR IDENTIFICATION

☐ NEW BUSINESS ☐ OUT OF BUSINESS ☐ REVISE/UPDATE (EFFECTIVE _/_/_) PAGE 1 OF 2

I. IDENTIFICATION

FACILITY ID# (CUPA #) 1: AR0013833		BEGINNING DATE 100: 1/1/2007	ENDING DATE 101: 12/31/2007
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3: Fry's Electronics Inc			BUSINESS PHONE 102: 818-526-8100
BUSINESS SITE ADDRESS 103: 2311 N Hollywood Way			
CITY 104: Burbank	STATE: CA	ZIP CODE 105: 91505	
DUN & BRADSTREET NUMBER 106:		SIC CODE (4 DIGIT #) 107:	
COUNTY 108: Los Angeles		UNINCORPORATED 133a: ☐ Yes ☒ No	
BUSINESS OPERATOR 109: John Goyette		BUSINESS OPERATOR PHONE 110: 818-526-8159	

II. BUSINESS OWNER

OWNER NAME 111: Fry's Electronics Inc		OWNER PHONE 112: 408-487-4500
OWNER MAILING ADDRESS 113: 600 E Brokaw Rd		
CITY 114: San Jose	STATE 115: CA	ZIP CODE 116: 95112

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117: Kevin Robins		CONTACT PHONE 118: 408-487-4500
CONTACT MAILING ADDRESS 119: 600 E. Brokaw Rd		
CITY 120: San Jose	STATE 121: Ca	ZIP CODE 122: 95112

BURBANK FIRE DEPT. APR 20 08

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123: John Goyette	NAME 128: ~~Oscar Servellon~~ Javier Arellano
TITLE 124: Store Manager	TITLE 129: Loss Prevention Manager
BUSINESS PHONE 125: 818-526-8159	BUSINESS PHONE 130: ~~818-562-8155~~ (818) 526-8155
24-HOUR PHONE 126: 818-526-8159	24-HOUR PHONE 131: ~~818-562-8155~~ (818) 526-8155
PAGER # 127: 818-318-2480	PAGER # 132: ~~818-204-6759~~ (323) 273-3201

V. ADDITIONAL LOCALLY COLLECTED INFORMATION

NUMBER OF EMPLOYEES 133b:	FEDERAL TAX IDENTIFICATION NUMBER 133c: 77-0062030

MAILING / BILLING INFORMATION

NAME 133i: Fry's Electronics Inc	CONTACT 133h: Ricardo Castrillo		PHONE NUMBER 133j: 4084874702
ADDRESS 133d: 600 E Brokaw Rd	CITY 133e: San Jose	STATE 133f: CA	ZIP CODE 133g: 95112

CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134: 4/4/07	NAME OF DOCUMENT PREPARER 135: Ricardo Castrillo
NAME OF SIGNER (PRINT) 136: Kathryn J. Kolder	TITLE OF SIGNER 137: Executive Vice President	

UNIFIED PROGRAM (UP) FORM

BUSINESS ACTIVITIES

00745

YEAR **2007**

I. FACILITY IDENTIFICATION

FACILITY ID # (CUPA #)	1	EPA ID # (Hazardous Waste Only)	2
	AR0013833		

BUSINESS NAME (Same as Facility Name of DBA-Doing Business As) 3

Fry's Electronics Inc

II. ACTIVITIES DECLARATION

NOTE: Please submit the Business Owner/Operator Identification Form with this Page

Does your facility . . .		If Yes, please complete these pages of the UPCF. . .
A. HAZARDOUS MATERIALS		
Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☐ YES ☒ NO 4	✔ HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESC ✔ CONSOLIDATED CONTINGENCY PLAN (Section I and Site Map(s)) ✔ TRAINING PLAN
B. UNDERGROUND STORAGE TANKS (USTs)		✔ UST FACILITY
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5	✔ UST TANK (one page per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6	✔ UST FACILITY ✔ UST TANK (one per tank) ✔ UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank)
3. Need to report closing a UST?	☐ YES ☒ NO 7	✔ UST TANK (closure portion –one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)		
Own or operate ASTs above these thresholds: any tank capacity is greater than 660 gallons, or the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8	NO FORM REQUIRED TO CUPA's
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☐ YES ☒ NO 9	✔ EPA ID NUMBER – provide at the top of this page. ✔ As a generator, answer YES to Item E2b and complete Waste Generator Form.
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES ☒ NO 10	✔ RECYCLABLE MATERIALS REPORT
3. Treat hazardous waste on site?	☐ YES ☒ NO 11	✔ ON-SITE HAZARDOUS WASTE TREATMENT – FACILITY ✔ ON-SITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12	✔ CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13	✔ REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	☐ YES ☒ NO 14	✔ HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
E. LOCAL REQUIREMENTS		15
1. REGULATED SUBSTANCES Have Regulated Substances (RS) including Extremely Hazardous Substances (EHS) stored on site at greater than the threshold planning quantities established by the California Accidental Release Program (CalARP)?	☐ YES ☒ NO 15a	In addition to Hazardous Materials requirements, complete: ✔ REGULATED SUBSTANCE REGISTRATION ✔ RISK MANAGEMENT PLAN (when required)
2. OTHER REQUIREMENTS		
a. Have hazardous materials stored on site at or above a threshold amount established by a CUPA's or PA's local ordinance?	☐ YES ☒ NO 15b	✔ Consult local CUPA or PA for added reporting requirements.
b. Required by a CUPA or PA to provide other information?	☐ YES ☒ NO 15c	✔ WASTE GENERATOR FORM (LA County)

Corporate Office
600 E. Brokaw Road
San Jose, CA 95112
Phone 408-487-4743
Fax 408-487-4741

BURBANK FIRE DEPT.
11 APR 07 15 57

Golden State Overnight

March 24, 2004

Burbank Fire Department
Hazardous Materials Specialist
Attn Devin Burns
311 East Orange Grove Ave.
Burbank, CA 91502 - 1221

Re: Hazardous Materials Consolidated Contingency Plan and Inventory Disclosure Statement: 2311 Hollywood Way Burbank, CA 91505

Dear Mr. Burns:

Enclosed please find the above-referenced documents for our Burbank location, site #00745. As per you office instruction I am forwarding the executed and signed copy of the **CONSOLIDATED CONTINGENCY PLAN.**

Should you have any questions or need additional information, please do not hesitate to call me at (408) 487-4702.

Respectfully,

Ricardo Castrillo

Ricardo Castrillo
Paralegal

RPC/rpc
Enclosure

BURBANK FIRE DEPT.
12 APR 07 06 59

CITY OF BURBANK
311 ORANGE GROVE AVENUE, BURBANK CALIFORNIA 91502-1221
(818) 238-3473
FAX (818) 238-3479

FIRE DEPARTMENT

January 10, 2007

Ricardo Castrillo
Fry's Electronics Inc
600 E Brokaw Rd
San Jose CA 95112-

SUBJECT: **00745 - FRY'S ELECTRONICS INC**
2311 N HOLLYWOOD WAY

In July 1997, the City of Burbank became part of the Los Angeles County Certified Unified Program Agency (LACoCUPA). The LACoCUPA consolidates six environmental programs. The City of Burbank is responsible for the management of four of these six programs. They include Underground Storage Tanks, Hazardous Materials Disclosure and Response, Risk Management, and enforcement of the Hazardous Materials Management requirements of the Fire Code.

California Health & Safety Code, Chapter 6.95, Article 1 and Burbank Municipal Code §15-1-8001-3.3 require all businesses that store, use, or handle hazardous materials in quantities that meet or exceed the thresholds established in Health & Safety Code §25503.6, must submit a completed Hazardous Materials Inventory Disclosure Statement annually. Our records indicate that you meet these requirements.

Enclosed you will find the following forms which you are required to complete and submit to us by March 1, 2007:

✓ **The Hazardous Materials Annual Re-Certification Procedure**
A list of the hazardous materials identified at your facility may be included in the package. Review it carefully. You may complete and sign and submit the Annual Re-Certification Procedure for the Hazardous Materials Disclosure Report only, provided you can attest to the following:

- The most recent information submitted to the Burbank Fire Department is complete, accurate and up to date. (See attached list)
- There have been no changes in the quantities of hazardous materials as reported in the most recent submittal.
- No hazardous materials subject to the inventory reporting requirements are being handled that are not listed in the most recently submitted inventory report.
- The most recently submitted annual inventory report contains information required by Section 11022 of Title 42 of the United States Code.

FH

✓ **The Facility Information Section**
Everyone is required to submit their signed Facility Information for 2007. This form has been filled out with the information we currently have on file. If there are any blanks, please complete this information. If there are any changes, please cross out the filled in information and write in your new information.

✓ **The Hazardous Materials Section**
These forms are provided for your convenience to be completed if you have added any new Hazardous Materials, deleted any Hazardous Materials, or if there are any changes in quantities or substances to be reported.

These Hazardous Materials Inventory Disclosure forms are currently part of a Consolidated Permit Package issued by the Los Angeles County Certified Unified Program Agency (LACoCUPA). Please carefully read the instructions, complete the appropriate forms, and sign where indicated. Return ***ORIGINAL*** forms to the Burbank Fire Department by ***March 1, 2007***. Failure to submit a properly completed Inventory or signed Annual Re-Certification Statement by the due date could result in civil penalties. A self-addressed envelope is enclosed for your convenience. **BE SURE TO RETAIN A COPY FOR YOUR RECORDS.**

You can now request the Hazardous Materials and the Consolidated Contingency Plan forms to be sent to you by Email. These forms may be completed on your computer by using Microsoft Word. If you have any questions, or if we can be of any assistance, please contact the Fire Prevention Bureau at (818) 238-3475.

Thank you for your cooperation.

Jorge Martinez, Fire Safety Analyst

/md

00745

UNIFIED PROGRAM (UP) FORM
BUSINESS OWNER / OPERATOR IDENTIFICATION

☐ NEW BUSINESS ☐ OUT OF BUSINESS ☒ REVISE/UPDATE (EFFECTIVE __/__/____) PAGE 1 OF 2

I. IDENTIFICATION

FACILITY ID# (CUPA #)	AR0013833 (1)	BEGINNING DATE (100) 1/1/2006	ENDING DATE (101) 12/31/2006

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) (3): Fry's Electronics Inc
BUSINESS PHONE (102): 8185268100
BUSINESS SITE ADDRESS (103): 2311 N Hollywood Way

CITY (104)	STATE	ZIP CODE (105)
Burbank	CA	91505

DUN & BRADSTREET NUMBER (106):
SIC CODE (4 DIGIT #) (107):
COUNTY (108): Los Angeles
UNINCORPORATED (133a): ☐ Yes ☒ No
BUSINESS OPERATOR (109): John Goyette
BUSINESS OPERATOR PHONE (110): 8185268159

II. BUSINESS OWNER

OWNER NAME (111): Fry's Electronics Inc
OWNER PHONE (112): 4084874500
OWNER MAILING ADDRESS (113): 600 E Brokaw Rd

CITY (114)	STATE (115)	ZIP CODE (116)
San Jose	CA	95112

III. ENVIRONMENTAL CONTACT

CONTACT NAME (117): Kevin Robins
CONTACT PHONE (118): 408 487-4500
CONTACT MAILING ADDRESS (119): 600 E. Brokaw Rd

CITY (120)	STATE (121)	ZIP CODE (122)
San Jose	CA	95112

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME (123): John Goyette	NAME (128): Oscar Servellon
TITLE (124): Store Manager	TITLE (129): Loss Prevention Manager
BUSINESS PHONE (125): 818-526-8159	BUSINESS PHONE (130): 818-562-8155
24-HOUR PHONE (126): 818-526-8159	24-HOUR PHONE (131): 818-562-8155
PAGER # (127): 818-318-2480	PAGER # (132): 818-204-6759

BURBANK FIRE DEPT
28 FEB 06 13
(6)

V. ADDITIONAL LOCALLY COLLECTED INFORMATION

NUMBER OF EMPLOYEES (133b)	FEDERAL TAX IDENTIFICATION NUMBER (133c)
	77-0062030

MAILING / BILLING INFORMATION

NAME (133i)	CONTACT (133h)	PHONE NUMBER (133j)
Fry's Electronics Inc	Ricardo Castrillo	4084874702

ADDRESS (133d)	CITY (133e)	STATE (133f)	ZIP CODE (133g)
600 E Brokaw Rd	San Jose	CA	95112

CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE (134)	NAME OF DOCUMENT PREPARER (135)
	2/14/06	LISA SOUZA

NAME OF SIGNER (PRINT) (136)	TITLE OF SIGNER (137)
Kathryn J. Kolder	Executive Vice President

UNIFIED PROGRAM (UP) FORM

BUSINESS ACTIVITIES

00745

YEAR **2006**

I. FACILITY IDENTIFICATION

FACILITY ID # (CUPA #)	1 AR0013833	EPA ID # (Hazardous Waste Only) 2

BUSINESS NAME (Same as Facility Name of DBA-Doing Business As) 3

Fry's Electronics Inc

II. ACTIVITIES DECLARATION

NOTE: Please submit the Business Owner/Operator Identification Form with this Page

Does your facility . . .		If Yes, please complete these pages of the UPCF. . .
A. HAZARDOUS MATERIALS		
Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☐ YES ☒ NO 4	⁰₄ HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESC ⁰₄ CONSOLIDATED CONTINGENCY PLAN (Section I and Site Map(s)) ⁰₄ TRAINING PLAN
B. UNDERGROUND STORAGE TANKS (USTs)		⁰₄UST FACILITY
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5	⁰₄UST TANK (one page per tank)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6	⁰₄UST FACILITY ⁰₄UST TANK (one per tank) ⁰₄UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank)
3. Need to report closing a UST?	☐ YES ☒ NO 7	⁰₄UST TANK (closure portion –one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs)		
Own or operate ASTs above these thresholds: any tank capacity is greater than 660 gallons, or the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8	NO FORM REQUIRED TO CUPA's
D. HAZARDOUS WASTE		
1. Generate hazardous waste?	☐ YES ☒ NO 9	⁰₄ EPA ID NUMBER – provide at the top of this page. ⁰₄ As a generator, answer YES to Item E2b and complete Waste Generator Form.
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES ☒ NO 10	⁰₄ RECYCLABLE MATERIALS REPORT
3. Treat hazardous waste on site?	☐ YES ☒ NO 11	⁰₄ ON-SITE HAZARDOUS WASTE TREATMENT – FACILITY ⁰₄ ON-SITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12	⁰₄ CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13	⁰₄ REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	☐ YES ☒ NO 14	⁰₄ HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
E. LOCAL REQUIREMENTS		15
1. REGULATED SUBSTANCES Have Regulated Substances (RS) including Extremely Hazardous Substances (EHS) stored on site at greater than the threshold planning quantities established by the California Accidental Release Program (CalARP)?	☐ YES ☒ NO 15a	In addition to Hazardous Materials requirements, complete: ⁰₄ REGULATED SUBSTANCE REGISTRATION ⁰₄ RISK MANAGEMENT PLAN (when required)
2. OTHER REQUIREMENTS		
a. Have hazardous materials stored on site at or above a threshold amount established by a CUPA's or PA's local ordinance?	☐ YES ☒ NO 15b	⁰₄ Consult local CUPA or PA for added reporting requirements.
b. Required by a CUPA or PA to provide other information?	☐ YES ☒ NO 15c	⁰₄ WASTE GENERATOR FORM (LA County)

UNIFIED PROGRAM (UP) FORM

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE REPORTING YEAR **2006** 200 PAGE **1** OF **7**

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3 **Fry's Electronics, Inc.**	
CHEMICAL LOCATION 201 **Cafe**	CHEMICAL LOCATION CONFIDENTIAL 202 **(EPCRA)** ☐ Yes ☒ No
FACILITY ID # – – 0 0 7 4 5 1	MAP# (optional) 203 / GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 **Co2-Carbon Dioxide**	TRADE SECRET (If Subject to EPCRA, refer to instructions) 206 ☐ Yes ☒ No
COMMON NAME 207 **Co2-For Soda Fountain**	EHS (RS)* 208 ☐ Yes ☒ No
CAS# 209 **N/A**	***If EHS (RS) is "Yes", all amounts below must be in Lbs.**

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211 ☐ a. PURE ☐ b. MIXTURE ☐ c. WASTE	RADIOACTIVE 212 ☐ Yes ☒ No	CURIES 213
PHYSICAL STATE (Check one item only) 214 ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS	LARGEST CONTAINER 215 **20 lbs.**	

FED HAZARD CATEGORIES (Check all that apply) 216
☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
4/20 lbs.	**4/20 lbs.**	**N/A**	**N/A**

UNITS* (Check one item only) * If EHS (RS), amount must be in pounds. 221
☐ a. GALLONS ☐ b. CUBIC FEET ☒ c. POUNDS ☐ d. TONS

DAYS ON SITE: 222
365

STORAGE CONTAINER 223

☐ a. ABOVE GROUND TANK	☐ e. PLASTIC/NONMETALLIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☒ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224
☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225
☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS (RS)	CAS #
1 **N/A** 226	227	☐Yes ☐No 228	229
2 230	231	☐Yes ☐No 232	233
3 234	235	☐Yes ☐No 236	237
4 238	239	☐Yes ☐No 240	241
5 242	243	☐Yes ☐No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here _____
(Facilities reporting Chemicals subject to EPCRA reporting thresholds must sign each Chemical Description page for each EPCRA reported chemical.)

OFFICIAL USE ONLY	DATE RECEIVED	REVIEWED BY		

UNIFIED PROGRAM (UP) FORM

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE REPORTING YEAR **2006** 200 PAGE **2** OF **7**

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA -- Doing Business As) 3			
Fry's Electronics, Inc.			
CHEMICAL LOCATION 201		CHEMICAL LOCATION CONFIDENTIAL 202	
Customer Service Return Cage with Chains		**(EPCRA)** ☐ Yes ☒ No	
FACILITY ID # _ _ 1	MAP# (optional) 203	GRID# (optional) 204	

II. CHEMICAL INFORMATION

CHEMICAL NAME 205		TRADE SECRET (If Subject to EPCRA, refer to instructions) 206	
Helium Tank		☐ Yes ☒ No	
COMMON NAME 207		EHS (RS)* 208	
Helium Tank		☐ Yes ☒ No	
CAS# 209		***If EHS (RS) is "Yes", all amounts below must be in Lbs.**	
N/A			
FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210			
HAZARDOUS MATERIAL TYPE (Check one item only) 211		RADIOACTIVE 212	CURIES 213
☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE		☐ Yes ☒ No	
PHYSICAL STATE (Check one item only) 214		LARGEST CONTAINER 215	
☐ a. SOLID ☐ b. LIQUID ☒ c. GAS		**291 cubic feet**	
FED HAZARD CATEGORIES (Check all that apply) 216			
☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH			

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
291 cubic feet	**291 cubic feet**	**N/A**	**N/A**

UNITS* (Check one item only) * If EHS (RS), amount must be in pounds. 221 DAYS ON SITE: 222

☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS

STORAGE CONTAINER 223

☐ a. ABOVE GROUND TANK	☐ e. PLASTIC/NONMETALLIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☒ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224

☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225

☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS (RS)	CAS #
1 **N/A** 226	227	☐Yes ☐No 228	229
2 230	231	☐Yes ☐No 232	233
3 234	235	☐Yes ☐No 236	237
4 238	239	☐Yes ☐No 240	241
5 242	243	☐Yes ☐No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here _____

(Facilities reporting Chemicals subject to EPCRA reporting thresholds must sign each Chemical Description page for each EPCRA reported chemical.)

OFFICIAL USE ONLY	DATE RECEIVED	REVIEWED BY		

UNIFIED PROGRAM (UP) FORM

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE REPORTING YEAR **2006** 200 PAGE **3** OF **7**

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) **Fry's Electronics, Inc.**			3
CHEMICAL LOCATION **Maintenance Room-North East Corner**	201	CHEMICAL LOCATION CONFIDENTIAL **(EPCRA)** ☐ Yes ☒ No	202
FACILITY ID # – – 0 0 7 4 5 1		MAP# (optional) 203	GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME **Did ecyl Dimethyl Ammonium Chloride**	205	TRADE SECRET (If Subject to EPCRA refer to instructions) ☐ Yes ☒ No	206
COMMON NAME **Lemon Clean Disinfectant**	207	EHS (RS)* ☐ Yes ☒ No	208
CAS# **N/A**	209	***If EHS (RS) is "Yes", all amounts below must be in Lbs.**	
FIRE CODE HAZARD CLASSES (Complete if required by CUPA)			210
HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE	211	RADIOACTIVE ☐ Yes ☒ No	212 CURIES 213
PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS	214	LARGEST CONTAINER **Gallon**	215
FED HAZARD CATEGORIES (Check all that apply) ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH			216

AVERAGE DAILY AMOUNT	MAXIMUM DAILY AMOUNT	ANNUAL WASTE AMOUNT	STATE WASTE CODE
217 **Gallon**	218 **Gallon**	219 **N/A**	220 **N/A**

UNITS* (Check one item only) * If EHS (RS), amount must be in pounds. 221 DAYS ON SITE: 222

☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS

STORAGE CONTAINER 223

☐ a. ABOVE GROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM ☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO ☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☐ l. CYLINDER ☐ m. GLASS BOTTLE ☒ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON ☐ q. RAIL CAR ☐ r. OTHER

STORAGE PRESSURE 224

☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225

☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS (RS)	CAS #
1 226 **N/A**	227	☐Yes ☐No 228	229
2 230	231	☐Yes ☐No 232	233
3 234	235	☐Yes ☐No 236	237
4 238	239	☐Yes ☐No 240	241
5 242	243	☐Yes ☐No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here _____

(Facilities reporting Chemicals subject to EPCRA reporting thresholds must sign each Chemical Description page for each EPCRA reported chemical.)

OFFICIAL USE ONLY	DATE RECEIVED	REVIEWED BY		

UNIFIED PROGRAM (UP) FORM

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE REPORTING YEAR **2006** 200 PAGE **4** OF **7**

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3 **Fry's Electronics, Inc.**	
CHEMICAL LOCATION 201 **Maintenance Room North East Corner**	CHEMICAL LOCATION CONFIDENTIAL 202 **(EPCRA)** ☐ Yes ☒ No
FACILITY ID # _ _ _ _ _ _ – 0 0 7 4 5 1	MAP# (optional) 203 / GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 **Pink Station Hand Soap**	TRADE SECRET (If Subject to EPCRA, refer to instructions) 206 ☐ Yes ☒ No
COMMON NAME 207 **Hand Soap**	EHS (RS)* 208 ☐ Yes ☒ No
CAS# 209 **N/A**	***If EHS (RS) is "Yes", all amounts below must be in Lbs.**

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211 ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE	RADIOACTIVE 212 ☐ Yes ☒ No	CURIES 213
PHYSICAL STATE (Check one item only) 214 ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS	LARGEST CONTAINER 215 **Gallon**	

FED HAZARD CATEGORIES (Check all that apply) 216
☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
Gallon	**Gallon**	**N/A**	**N/A**

UNITS* (Check one item only) * If EHS (RS), amount must be in pounds. 221
☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS

DAYS ON SITE: 222
365

STORAGE CONTAINER 223
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☒ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☐ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224
☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225
☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS (RS)	CAS #
1 **N/A** 226	227	☐Yes ☐No 228	229
2 230	231	☐Yes ☐No 232	233
3 234	235	☐Yes ☐No 236	237
4 238	239	☐Yes ☐No 240	241
5 242	243	☐Yes ☐No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here _____
(Facilities reporting Chemicals subject to EPCRA reporting thresholds must sign each Chemical Description page for each EPCRA reported chemical.)

OFFICIAL USE ONLY	DATE RECEIVED	REVIEWED BY		

UNIFIED PROGRAM (UP) FORM

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE REPORTING YEAR **2006** 200 PAGE **5** OF **7**

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3 **Fry's Electronics, Inc.**		
CHEMICAL LOCATION 201 **Maintenance Room North East Corner**	CHEMICAL LOCATION CONFIDENTIAL 202 **(EPCRA)** ☐ Yes ☒ No	
FACILITY ID # – – 0 0 7 4 5 1	MAP# (optional) 203	GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 **Comet Cleaner**	TRADE SECRET (If Subject to EPCRA, refer to instructions) 206 ☐ Yes ☒ No	
COMMON NAME 207 **Comet**	EHS (RS)* 208 ☐ Yes ☒ No	
CAS# 209 **N/A**	***If EHS (RS) is "Yes", all amounts below must be in Lbs.**	
FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210		
HAZARDOUS MATERIAL TYPE (Check one item only) 211 ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE	RADIOACTIVE 212 ☐ Yes ☒ No	CURIES 213
PHYSICAL STATE (Check one item only) 214 ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS	LARGEST CONTAINER 215	
FED HAZARD CATEGORIES (Check all that apply) 216 ☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH		

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
42oz.	**42oz.**	**N/A**	**N/A**

UNITS* (Check one item only) * If EHS (RS), amount must be in pounds. 221
☐ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS

DAYS ON SITE: 222 — 365

STORAGE CONTAINER 223

☐ a. ABOVE GROUND TANK	☐ e. PLASTIC/NONMETALLIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224
☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225
☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS (RS)	CAS #
1 **N/A** 226	227	☐Yes ☐No 228	229
2 230	231	☐Yes ☐No 232	233
3 234	235	☐Yes ☐No 236	237
4 238	239	☐Yes ☐No 240	241
5 242	243	☐Yes ☐No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here _____
(Facilities reporting Chemicals subject to EPCRA reporting thresholds must sign each Chemical Description page for each EPCRA reported chemical.)

OFFICIAL USE ONLY	DATE RECEIVED	REVIEWED BY		

UNIFIED PROGRAM (UP) FORM

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE REPORTING YEAR **2006** 200 PAGE **6** OF **7**

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3 **Fry's Electronics, Inc.**	
CHEMICAL LOCATION 201 **Car Stereo Department - Bar BQ Grill**	CHEMICAL LOCATION CONFIDENTIAL 202 **(EPCRA)** ☐ Yes ☒ No
FACILITY ID # _ – 0 0 7 4 5 1	MAP# (optional) 203 / GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 **Propane**	TRADE SECRET (If Subject to EPCRA refer to instructions) 206 ☐ Yes ☒ No
COMMON NAME 207 **Propane**	EHS (RS)* 208 ☐ Yes ☒ No
CAS# 209 **N/A**	***If EHS (RS) is "Yes", all amounts below must be in Lbs.**

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211 ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE	RADIOACTIVE 212 ☐ Yes ☒ No	CURIES 213
PHYSICAL STATE (Check one item only) 214 ☐ a. SOLID ☐ b. LIQUID ☒ c. GAS	LARGEST CONTAINER 215 **Gallon**	

FED HAZARD CATEGORIES (Check all that apply) 216
☐ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
Eight Gallons	**Eight Gallons**	**N/A**	**N/A**

UNITS* (Check one item only) * If EHS (RS), amount must be in pounds. 221
☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS

DAYS ON SITE: 222 — 365

STORAGE CONTAINER 223

☒ a. ABOVE GROUND TANK	☐ e. PLASTIC/NONMETALLIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☐ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☒ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224
☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225
☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS (RS)	CAS #
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If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

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UNIFIED PROGRAM (UP) FORM

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE REPORTING YEAR **2006** 200 PAGE **7** OF **7**

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3 **Fry's Electronics, Inc.**	
CHEMICAL LOCATION 201 **Maintenance Room North East Corner**	CHEMICAL LOCATION CONFIDENTIAL 202 **(EPCRA)** ☐ Yes ☒ No
FACILITY ID # – – 0 0 7 4 5 1	MAP# (optional) 203 / GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205 **Propylene Gylcol-Ethylene Gycol**	TRADE SECRET (If Subject to EPCRA, refer to instructions) 206 ☐ Yes ☒ No
COMMON NAME 207 **Interior**	EHS (RS)* 208 ☐ Yes ☒ No
CAS# 209 **N/A**	***If EHS (RS) is "Yes", all amounts below must be in Lbs.**

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211 ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE	RADIOACTIVE 212 ☐ Yes ☒ No	CURIES 213
PHYSICAL STATE (Check one item only) 214 ☒ a. SOLID ☐ b. LIQUID ☐ c. GAS	LARGEST CONTAINER 215 **Gallon**	

FED HAZARD CATEGORIES (Check all that apply) 216
☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☒ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
Four Gallons	**Four Gallons**	**N/A**	**N/A**

UNITS* (Check one item only) * If EHS (RS), amount must be in pounds. 221
☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS

DAYS ON SITE: 222 — 365

STORAGE CONTAINER 223

☐ a. ABOVE GROUND TANK	☐ e. PLASTIC/NONMETALLIC DRUM	☐ i. FIBER DRUM	☐ m. GLASS BOTTLE	☐ q. RAIL CAR
☐ b. UNDERGROUND TANK	☐ f. CAN	☐ j. BAG	☒ n. PLASTIC BOTTLE	☐ r. OTHER
☐ c. TANK INSIDE BUILDING	☐ g. CARBOY	☐ k. BOX	☐ o. TOTE BIN	
☐ d. STEEL DRUM	☐ h. SILO	☐ l. CYLINDER	☐ p. TANK WAGON	

STORAGE PRESSURE 224
☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225
☐ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

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UNIFIED PROGRAM (UP) FORM

CONSOLIDATED CONTINGENCY PLAN

COVER PAGE

For Year 2006

FACILITY IDENTIFICATION

BUSINESS NAME 3		FACILITY ID # 1
Fry's Electronics, Inc.		**00745**
SITE ADDRESS 103	CITY 104	ZIP CODE 105
2311 No. Hollywood Way	**Burbank**	**91505**

The Consolidated Contingency Plan provides businesses a format to comply with the emergency planning requirements of the following three written hazardous materials emergency response plans required in California:

- Hazardous Materials Business Plan (HSC Chapter 6.95 Section 25504 (b) and 19 CCR Sections 2729-2732),
- Hazardous Waste Generator Contingency Plan (22 CCR Section 66264.52), and,
- Underground Storage Tank Emergency Response Plan and Monitoring Program (23 CCR Sections 2632 and 2641).

This format is designed to reduce duplication in the preparation and use of emergency response plans at the same facility, and to improve the coordination between facility response personnel and local, state, and federal emergency responders during an emergency. Use the chart below to determine which sections of the Consolidated Contingency Plan need to be completed for your facility. If you are unsure as to which programs your facility is subject to, refer to the Business Activities Page.

PROGRAMS	SECTION(S) TO BE COMPLETED
Hazardous Materials Business Plan (HMBP)	Cover Page, Section I, and Site Map(s)
Hazardous Waste Generator (HWG)	Cover Page, Section I, and Site Map(s)
Underground Storage Tank (UST)	Cover Page, Sections I and II, and Site Map(s)
HMBP, HWG, UST	Cover Page, Sections I and II, and Site Map(s)

A copy of the plan shall be submitted to your local CUPA and at least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency. Describe below where a copy of your Contingency Plan, including the hazardous material inventories and Site Map(s), is located at your business:

FEB 06 18 PM '06 BURBANK FIRE DEPT

PLAN CERTIFICATION

I certify under penalty of law that I have personally examined and I am familiar with the information provided by this plan and to the best of my knowledge the information is accurate, complete, and true.

PRINTED NAME OF OWNER/ OPERATOR	TITLE OF OWNER/OPERATOR
KATHRYN J. KOLDER	EXECUTIVE VICE PRESIDENT
SIGNATURE OF OWNER/ OPERATOR	DATE
	2/27/06

We appreciate the effort of local businesses in completing these plans and will assist in every possible way. If you have any questions, please contact your local CUPA or PA.

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UNIFIED PROGRAM (UP) FORM

CONSOLIDATED CONTINGENCY PLAN

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

I. FACILITY IDENTIFICATION

BUSINESS NAME 3		FACILITY ID # 1
Fry's Electronics, Inc.		**00745**
SITE ADDRESS 103	CITY 10	ZIP CODE 105
2311 No. Hollywood Way	**Burbank**	**91505**

II. EMERGENCY CONTACTS

PRIMARY		SECONDARY	
NAME 123	**John Goyette**	NAME 128	**Maria Everett**
TITLE 124	**Store Manager**	TITLE 129	**Loss Prevention Safety Manager**
BUSINESS PHONE 125	**(818) 526-8159**	BUSINESS PHONE 130	**(818) 526-8155**
24-HOUR PHONE 126	**(818) 526-8159**	24-HOUR PHONE 131	**(818) 526-8155**
PAGER # 127	**(818) 318-2408**	PAGER # 132	**(818) 450-4501**

III. EMERGENCY RESPONSE PLANS AND PROCEDURES

A. *Notifications*

Your business is required by State Law to provide an immediate verbal report of any release or threatened release of a hazardous material to local fire emergency response personnel, this Unified Program Agency (CUPA or PA), and the Office of Emergency Services. If you have a release or threatened release of hazardous materials, immediately call:

FIRE / PARAMEDICS / POLICE / SHERIFF PHONE: 911

AFTER the local emergency response personnel are notified, you shall then notify this Unified Program Agency and the Office of Emergency Services.

Local Unified Program Agency: (818) 238-3475
State Office of Emergency Service: (800) 852-7550 or (916) 262-1621
National Response Center: (800) 424-8802

Information to be provided during Notification:

- Your name and the telephone number from where you are calling.
- Exact address of the release or threatened release.
- Date, time, cause, and type of incident (e.g. fire, air release, spill etc.)
- Material and quantity of the release, to the extent known.
- Current condition of the facility.
- Extent of injuries, if any.
- Possible hazards to public health and/ or the environment outside of the facility.

B. *Emergency Medical Facility*

List the local emergency medical facility that will be used by your business in the event of an accident or injury caused by a release or threatened release of hazardous material

HOSPITAL/CLINIC:	PHONE:
St. Joseph Occupational Health Center	**(818) 953-4402**
ADDRESS: **3413 Pacific Avenue**	
CITY: **Burbank, Calfornia**	ZIP CODE: **91505**

OFFICIAL USE ONLY	DATE RECEIVED	REVIEWED BY		

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

C. *Private Emergency Response* n/a

DOES YOUR BUSINESS HAVE A PRIVATE ON-SITE EMERGENCY RESPONSE TEAM? ☐ Yes ☐ No

If yes, provide an attachment that describes what policies and procedures your business will follow to notify your on-site emergency response team in the event of a release or threatened release of hazardous materials.

CLEANUP/DISPOSAL CONTRACTOR

List the contractor that will provide cleanup services in the event of a release.

NAME OF CONTRACTOR	PHONE NO
ADDRESS	
CITY	ZIP CODE

D. *Arrangements With Emergency Responders* n/a

If you have made special (i.e. contractual) arrangements with any police department, fire department, hospital, contractor, or State or local emergency response team to coordinate emergency services, describe those arrangements on the lines below:

E. *Evacuation Plan*

1. The following alarm signal(s) will be used to begin evacuation of the facility *(check all which apply)*:

☒ Verbal ☒ Telephone *(including cellular)* ☒ Alarm System ☒ Public Address System ☒ Intercom
☐ Pagers ☐ Portable Radio ☐ Other *(specify):*

2. ☒ Evacuation map is prominently displayed throughout the facility.

3. ☒ Individual(s) responsible for coordinating evacuation including spreading the alarm and confirming the business has been evacuated:

Store Manager. Loss Pervention & Safety Department

F. *Earthquake Vulnerability*

Identify areas of the facility where releases could occur or would require immediate inspection or isolation because of the vulnerability to earthquake related ground motion.

☐ Hazardous Waste/ Hazardous Materials Storage Areas ☐ Production Floor ☐ Process Lines
☐ Bench / Lab ☐ Waste Treatment ☐ Other

Identify mechanical systems where releases could occur or would require immediate inspection or isolation because of the vulnerability to earthquake related ground motion.

☐ Utilities ☒ Sprinkler Systems ☐ Cabinets ☐ Shelves
☐ Racks ☒ Pressure Vessels ☐ Gas Cylinders ☐ Tanks
☐ Process Piping ☒ Shutoff Valves ☐ Other:

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

G. ***Emergency Procedures***

Briefly describe your business standard operating procedures in the event of a release or threatened release of hazardous materials:

SEE ATTACHED

1. **PREVENTION** (prevent the hazard) - Describe the kinds of hazards associated with the hazardous materials present at your facility. What actions would your business take to prevent these hazards from occurring? You may include a discussion of safety and storage procedures.

The only potential hazard would be in relation to the tanks of Helium and Propane stored at this location. The Helium tank is secured with two chains in the customer service department cage. The Propane tank is stored under supervised conditions in the mobile electronics installation department. Both tanks are inspected on a monthly basis.

2. **MITIGATION** (reduce the hazard) - Describe what is done to lessen the harm or the damage to person(s), property, or the environment, and prevent what has occurred from getting worse or spreading. What is your immediate response to a leak, spill, fire, explosion, or airborne release at your business?

Fry's regularly inspects these tanks to ensure that they are secured with proper valves and covers. In the event of a release or explotion, Fry's personnel would implement the Contingency and Training Program by immediately evacuating the store and contacting the emergency services.

3. **ABATEMENT** (remove the hazard) - Describe what you would do to stop and remove the hazard. How do you handle the complete process of stopping a release, cleaning up, and disposing of released materials at your facility?

Fry's does not handle this procedure directly. Instead, Fry's would allow emergency services to abate the hazard. However, Fry's would provide any/all assistance to emergency services as directed or required.

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

IV. EMERGENCY EQUIPMENT

22 CCR, Section 66265.52(e) [as referenced by Section 66262.34(a)(3)] requires that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equip Category	2. Equipment Type	3. Location *	4. Description**
Personal Protective, Equipment, Safety Equipment, and First Aid Equipment	☐ Cartridge Respirators		
	☐ Chemical Monitoring Equipment *(describe)*		
	☐ Chemical Protective Aprons/Coats		
	☐ Chemical Protective Boots		
	☐ Chemical Protective Gloves		
	☐ Chemical Protective Suits *(describe)*		
	☐ Face Shields		
	☒ First Aid Kits/Stations *(describe)*	café/	Install (Expect First Aid Kit)
	☐ Hard Hats		
	☒ Plumbed Eye Wash Stations	Rec/	Install (Encon One Each Location)
	☐ Portable Eye Wash Kits *(i.e. bottle type)*		
	☐ Respirator Cartridges *(describe)*		
	☐ Safety Glasses/Splash Goggles		
	☐ Safety Showers		
	☐ Self-contained Breathing Apparatuses (SCBA)		
	☐ Other *(describe)*		
Fire Extinguishing Systems	☒ Automatic Fire Sprinkler Systems	ThroghtOut	(Over Head)
	☐ Fire Alarm Boxes/Stations		
	☒ Fire Extinguisher Systems *(describe)*	ThroughOut	(16 Hand Held)
	☐ Other *(describe)*		
Spill Control Equipment and Decontamination Equipment	☐ Absorbents (describe)		
	☐ Berms/Dikes (describe)		
	☐ Decontamination Equipment (describe)		
	☐ Emergency Tanks (describe)		
	☐ Exhaust Hoods		
	☐ Gas Cylinder Leak Repair Kits (describe)		
	☐ Neutralizers (describe)		
	☐ Overpack Drums		
	☐ Sumps (describe)		
	☐ Other (describe)		
Communications and Alarm Systems	☐ Chemical Alarms (describe)		
	☒ Intercoms/ PA Systems	ThroughOut	
	☒ Portable Radios	LP &	Manager Office (Mortola)
	☒ Telephones	35	
	☐ Underground Tank Leak Detection Monitors		
	☐ Other (describe)		
Additional Equipment (Use Additional Pages if Needed.)			

* *Use the Location Codes (LC) from the Site Map(s) prepared for your Contingency Plan.*

** *Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.*

CHEMICALS IDENTIFIED AT:

00745 FRY'S ELECTRONCIS – 2311 No. HOLLYWOOD WAY BURBANK

As of February 20, 2006, the following is a list of inventory found in the janitors' closet.

(1) Three gallons Pink Hand Soap;
(2) One gallon Cove Base; (Dry Wall Plaster)
(3) Two gallon Multi Purpose Cleaner;
(4) One gallon Glass Cleaner;
(5) One 12.5 OZ. Can Furniture Polish;
(6) One gallon Metal Coil Cleaner;
(7) Four/Five gallon cans Floor Stripper;
(8) Twelve/Seven OZ. Cans Room Deodorant;
(9) Two dozen Toilet Bowl Deodorant Blocks;
(10) Four 50lbs Bags Polymer Repair.

Fry's ELECTRONICS

EMERGENCY PROCEDURES MANUAL

KEEP AT PIC PODIUM

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EMERGENCY COMMUNICATIONS

In an emergency, it is imperative that accurate information is quickly relayed to the proper decision-makers at the Home Office. When multiple individuals are communicating different information to different decision-makers, the risk of poor or slow decisions being made increases.

Every emergency situation is unique and the task of communicating information is extremely important. Therefore, our goal is as follows:

TO ESTABLISH ONE CENTRALIZED LINE OF COMMUNICATION OUT OF THE STORE, TO ONE CENTRALIZED COMMUNICATIONS CENTER IN THE HOME OFFICE ... AS QUICKLY AS POSSIBLE.

To accomplish this, follow the below listed guidelines:

1. Call 911 first, whenever an emergency situation warrants it.

2. Then, the Store Manager/PIC and Loss Prevention department should call the Director of Loss Prevention & Safety.

3. Once communication has been established, the Store Manager and one member of the Loss Prevention department will remain together during the emergency if possible, and discontinue any communication to any other associate at the Home Office.

4. The Director of Loss Prevention and Safety will establish communication with the Executive Vice President, President, or CEO.

5. If the Director of Loss Prevention & Safety is unreachable then call the Executive Vice President, President, or CEO.

SECTION 1 - EMERGENCY PHONE NUMBERS

Fire Department	
Police Department	
Emergency Clinic	
Power Company	
Gas Company	
Water Company	
Store Manager Home	
Store Manager Cell	
Asst. Store Manager Home	
Asst. Store Manager Cell	
District Manager of Loss Prevention Cell	
District Manager of Store M&O Cell	
Director of Loss Prevention & Safety Cell	

POST AT THE PIC PODIUM AND LP OFFICE

SECTION 5 – EARTHQUAKE

A. When the Shaking Starts

1. Move away from windows, hanging light fixtures, hanging signs, and high shelving.
2. Take cover under a desk or strong table.
3. Don't run.
4. Don't run outside the building.
5. Don't panic.
6. Don't use telephones.

B. When the Shaking Stops

1. Follow the Store Manager or PIC's instructions.
2. The Store Manager or PIC will assess the situation and proceed according to the below listed guidelines.

C. If The Earthquake Is Severe

Evacuate the building following the Evacuation Plan, and notify the Store M&O District Manager and the Loss Prevention & Safety District Manager as soon as possible.

IF TIME AND SAFETY PERMIT, DO THE FOLLOWING:

1. Check for injuries (Do not move the injured unless it is life threatening to keep them there).
2. Shut off the gas main. (Refer to Section 9, Gas Leak)
3. Shut off the electrical main if there is damage to the internal wiring.
4. Secure cash registers and high-value merchandise.
5. Clean up chemical spill with heavy-duty rubber gloves. (Refer to Section 10, Hazardous Materials)
6. Check for water or sewage leaks or broken electrical wiring.
7. If bathroom fixtures, water fountains, or landscaping sprinklers are leaking, shut off the domestic water.
8. If there is no fire and if fire sprinkler pipes are leaking, and it appears that substantial water damage will occur, you may shut off the fire riser. If the threat of fire is great and the leak is not major, you may not want to shut them off.
9. Prepare the store for aftershocks. (Is there a potential hazard that could cause major damage with another good aftershock?)
10. Secure all exits and set the alarm.

11. To turn electrical back on first, turn each individual breaker to the "off" position. Next, turn the electrical main on and one by one, turn on each individual breaker. If no problems occur as each breaker is turned on, continue to the next breaker.

12. Do not turn the gas on at this time. Wait for the gas company or Maintenance to give the approval to turn it back on.

D. Basic Communication Information

1. Check all phones and fax machines to make sure they are on the hook.

2. Use the phone for emergency communications only.

3. If you must dial the phone, pick up the receiver and leave it off the hook until you receive a dial tone.

4. Do not flash the receiver hook! This will only delay the call.

5. Dial the number immediately after receiving the dial tone or else you will not be able to make the call.

6. Do not walk away from the phone with the receiver off. You will receive a dial tone if the equipment is not damaged.

SECTION 6 - EVACUATION PLAN – STORES

1. Designate a primary meeting place outside the building where all associates will meet. This place should be far enough away from the building and away from potential hazards, like power lines. A secondary meeting place should also be designated in the event that the primary meeting place is not safe.

2. Loss Prevention will place the Evacuation Map at all DSC podiums, the PIC podium, Customer Relations, and break room. The map must show the associate meeting place.

3. Call Randy Fry, Kathy Kolder or John Fry for permission to evacuate if circumstances permit. The decision to evacuate will be made by the Store/Asst. Manager or PIC when circumstances warrant it.

4. The PIC will make an announcement using the example language, *"Attention Fry's Customers and Associates. We ask that you evacuate the building. Please calmly walk to the nearest emergency exit. Fry's Associates, go to the associate meeting place."* Repeat as often as necessary and as long as is safe to do so. Stores without a centralized paging system should make the announcement from each DSC podium throughout the store.

5. Associates must provide additional assistance to any disabled customers or associates to ensure they exit the building safely.

6. If safe to do so, Loss Prevention will check the bathrooms, offices, and presentation rooms to make sure all individuals are exiting the building.

7. Each DSC will take the Daily Coverage Report with them to the associate meeting place.

8. Each DSC will be responsible to account for all of their associates at the meeting place.

9. The DSC will inform the PIC when all associates are accounted for or who is missing.

10. All associates are to remain in the meeting place until the PIC gives notification that it is safe to return to the store or leave the premises.

11. The PIC must be alert to determine if new hazards (downed power lines, ruptured gas lines etc.) have made the evacuation itself unsafe, or if the primary meeting place is not safe. If the primary meeting place is unsafe, the PIC will decide to meet in the secondary place.

12. If prolonged evacuation is required and it is safe to do so, Loss Prevention will secure the building and set the alarm.

13. Loss Prevention will determine with the Store Manager if it is necessary to have a Loss Prevention Officer remain at the site, if it is safe, to watch the building.

SECTION 7 – EVACUATION PLAN – HOME OFFICE

1. Loss Prevention will post an Evacuation Map in each department and in the associate break room.
2. The designated meeting place for each department is on the map.
3. If safe to do so, Loss Prevention will check the bathrooms and offices to make sure all associates have exited the building.
4. Each department will quickly and quietly exit the building and meet in the pre-designated area outside the office.
5. The department supervisor will account for each person in their department.
6. The department supervisor will be alert to determine if any new hazards (downed power lines, ruptured gas lines, etc.) have made the evacuation itself unsafe. If the primary meeting place is unsafe, the supervisor will determine a secondary meeting place.
7. Loss Prevention will meet with each group to ensure all associates are accounted for.
8. All associates are to remain in the meeting area until Loss Prevention gives notification that is safe to go back into the building or leave the premises.

SECTION 8 – FIRE

NOTE: The safety of our customers and associates must be the primary consideration at all times when dealing with emergency situations. All associates should know the location of all fire exits and fire extinguishers. All associates should receive prior teaching of what to do in case they detect a fire.

A. If You Smell Smoke

1. Notify the PIC immediately.
2. The PIC will ask Loss Prevention to assist in investigating the source of the smell.

B. If A Fire Is Detected

1. Call the Fire Department by dialing 911.
2. Have an associate meet the Fire Department outside to direct them to the location of the fire.
3. If it is safe to do so, locate a fire extinguisher and attempt to put out the fire.
4. If you are unable to put out the fire quickly with an extinguisher, the PIC will take steps to evacuate the building following Fry's Evacuation Plan.
5. If safe to do so, attempt to minimize any property damage.
6. Loss Prevention will document the incident, including the cause of the fire and the damage done.
7. Loss Prevention will take photographs and send them to the Home Office Legal Department along with any videotape if applicable.

SECTION 9 - GAS LEAK

A. If You Smell Gas

1. Notify the PIC immediately.

2. The PIC will ask Loss Prevention to assist in investigating the source of the smell.

B. If a Gas Leak is Reported (Do all of the following at the same time.)

1. Shut off the gas by following the below listed procedure:

   - Get a crescent wrench from Loss Prevention.
   - Go to the gas main.
   - Turn the shut-off valve a quarter turn.

2. Evacuate the area of the leak.

3. Do your best to prevent sparks of any kind.

4. Air out the building.

Call the gas company before turning the gas back on.

SECTION 10 - HAZARDOUS MATERIALS

Each chemical has its own unique method of cleaning up spills, so refer to the Material Safety Data Sheets for the chemicals we use and sell for the appropriate clean-up procedures. In case of a spill, proceed as follows:

1. Identify the material, its properties, and clean-up procedures.
2. You should have kitty litter available in your store for simple spills, like motor oil.
3. If you are unsure on how to clean up a chemical spill, consult the local Hazardous Materials Team or Fire Department for additional information.
4. Use the appropriate personal protective equipment.
5. If there are noxious fumes, evacuate the area.
6. Seek medical care immediately if someone is contaminated with a hazardous material.
7. If safe, mitigate or eliminate the source of the spill (close valves, cap bottles, etc.).
8. Do not let material go down a drain, or into a waterway, basement, or confined space.
9. Complete notifications to regulatory agencies if required.

SECTION 11 - POWER FAILURE

A. If There Is A Power Failure

1. Notify the District Manager of Store M&O. If the District Manager is not available, contact the President or Executive Vice President.

2. Notify the I.S. department.

3. Inform all the above about the following conditions:

   - Is the back up power working?
   - How much of the store is lit?
   - How much natural light is in the store?
   - What are the weather conditions?
   - Are there any factors that would negatively impact the safety of our customers or the protection of our assets?
   - If any of the variables change that would affect the store's ability to stay open during the outage, contact the District Manager of Store M&O for instructions.

4. Have all associates acquire a flashlight from their DSC podium or the PIC.

5. Have all associates immediately give "TK" service to all customers in the store by staying with them with the flashlight to guide them safely while the lights are out.

6. All associates not with a customer should move to the front of the store and escort customers one at a time using a flashlight. The associate will stay with the customer the entire time they are shopping and then return to the front for the next customer.

7. Associates are not to store-use flashlights and batteries without the PIC's approval.

8. Assign one responsible associate to guard each fire exit door for the entire duration that the power is out.

9. The Loss Prevention and store management teams will check the store to remove any safety hazards.

10. Call Randy Fry, Kathy Kolder, or John Fry for permission to evacuate if circumstances permit. The decision to evacuate will be made by the Store/Asst. Manager or PIC when circumstances warrant it.

SECTION 13 - WATER LEAK

A. DOMESTIC WATER - This is the water that is used in the café, drinking fountains, bathrooms, and the landscape sprinklers.

1. All PIC's and Loss Prevention should know where the emergency shut off valve is located. (Refer to Section 2, Map of Electrical, Gas, & Water Shut-Offs)

2. Shut off the water valve when you have major leaks.

B. FIRE SPRINKLER WATER - This is a separate system from the domestic water.

1. There will typically be 3-4 pipes that are 6"-12" in diameter. Each pipe (riser) will disperse water to the sprinkler heads in a different part of the building.

2. A map should be posted at the risers that show which risers control which part of the building.

3. PIC's and Loss Prevention should be trained on this procedure before the need occurs to execute it.

When an actual emergency occurs, there is no time for indecision. Following the correct procedure may save thousands of dollars worth of merchandise from being ruined. If a sprinkler head is broken or the pipes are leaking, you MUST do the following:

C. Water Shut Off

1. Turn the shut-off valve that is located on the front of the riser to the OFF position. (This stops the flow of water into the pipe, however a lot of water is already in the pipes.)

2. Locate the "MAIN (a.k.a. AUXILIARY) DRAIN VALVE." (It may be next to the shut-off valve in some stores or outside in others.)

3. OPEN the Main (Auxiliary) Drain valve. (This drains the water that is already in the sprinkler pipes. If you don't do this, water will continue to drain from the sprinkler head for 30–60 minutes.)

4. The water will stop flowing in approximately 1 minute.

5. The fire alarm will activate when the water begins flowing. Alarms will also activate showing that the valve is closed. If it is a false alarm, notify the alarm company and instruct them to **not** send the Fire Department

6. To reset the system, close the main (auxiliary) drain valve and SLOWLY open the riser shut-off valve. (If you open the valve all the way quickly, it may create too much pressure and damage the pipes.)

7. Check for leaks.

8. Call the alarm company and reset the fire alarm system.

HAZARDOUS MATERIALS COMMUNICATION PROGRAM

WHAT'S IN THIS POLICY?

A. You Have a Right To Know
B. List of Hazardous Substances
   1. Café
   2. Sales Floor
   3. Janitorial
      - Outside Janitorial Company
      - Fry's Associates
   4. Car Electronics Installation
   5. Proposition 65 (California Only)
C. Material Safety Data Sheets (MSDS)
D. Labeling
E. Health Hazard Data Key Words
F. Associate Information & Training
G. Informing Contractors
H. Inquiries and Questions

A. You Have a Right To Know

In 1983, the Federal Government established the OSHA Hazard Communication Standard. This standard is designed to protect employees who use hazardous materials on the job. The Hazard Communication Standard states that companies which use hazardous materials must provide their employees with information and training on the proper handling and use of these materials.

You, as an associate of Fry's Electronics, have a Right To Know about the hazardous materials used in your work area and the potential effects of these materials upon your health and safety.

In compliance with Federal OSHA guidelines, Fry's Electronics has conducted an assessment of the hazards in the workplace. The Director of Loss Prevention & Safety has full authority and responsibility for implementing and maintaining this program. The Director of Loss Prevention & Safety has prepared and will keep current an inventory list of all known hazardous substances present in Fry's workplace.

NO OTHER CHEMICAL MAY BE USED IN OUR STORES UNLESS IT HAS BEEN APPROVED BY THE DIRECTOR OF LOSS PREVENTION & SAFETY. THIS INCLUDES CHEMICALS THAT CAN BE PURCHASED AT A GROCERY STORE.

Chemicals can cause serious harm to you and therefore Fry's Electronics will only allow approved chemicals into our building. Some chemicals we sell to customers and others we use. This policy is designed to educate you about what chemicals are allowed in the building, the proper use of those chemicals and the appropriate personal protective equipment needed when working with chemicals. All authorized chemicals will have a Material Safety Data Sheet available in the Store Manager's office. There are MSDS's also available in the café for the chemicals that are present there. These sheets have important information about hazardous components, spill/leak procedures, first aid information, protective measures, and more. Familiarize yourself with these sheets for your own protection.

B. LIST OF HAZARDOUS SUBSTANCES

1. USED IN CAFÉ DEPT. – CHEMICALS PRESENT AND PERSONAL PROTECTIVE EQUIPMENT NEEDED

NAME OF CHEMICAL	HEALTH HAZARD	GLOVES	SPLASH GOGGLES
LIQUID DETERGENT CONCENTRATE	**DANGER**	**YES**	**YES**
LIQUID RINSE CONCENTRATE	CAUTION	NO	NO
LIQUID SANITIZER CONCENTRATE	**DANGER**	**YES**	**YES**
POT & PAN DETERGENT CONCENTRATE	WARNING	**YES** (IF PROLONGED OR REPEATED EXPOSURE)	**YES** (IF SPLASHING MAY OCCUR)
POT & PAN SANITIZER CONCENTRATE	**DANGER**	**YES**	**YES**
FRUIT & VEGGIE WASH CONCENTRATE	**DANGER**	**YES**	**YES**
GLASS CLEANER CONCENTRATE	WARNING	**YES**	**YES**
ALL PURPOSE CLEANER CONCENTRATE	CAUTION	NO	NO
FLOOR CLEANER CONCENTRATE	CAUTION	NO	NO
FOOD CONTACT SANITIZER CONCENTRATE	**DANGER**	**YES**	**YES**
HAND SOAP	CAUTION	NO	NO
ESPRESSO MACHINE CLEANER	CAUTION	NO	NO
BLEACH	**DANGER**	**YES**	**YES**
COMPRESSED CO2 GAS-(EXPLOSIVE HAZARD) **CYLINDERS MUST BE ATTACHED TO THE WALLS WITH CHAINS OR STRAPS.**		NO	NO

Most of these chemicals are used in the EcoLab system. The concentrated chemical is placed in the dispenser and the associate uses a diluted form of the chemical in a secondary container. **USE CAUTION WHEN WORKING WITH THE CONCENTRATE. ALL CONTAINERS MUST BE LABELED WITH THE CHEMICAL THAT IS INSIDE.** Fry's uses this system in order to limit your exposure to chemicals.

Chemicals should be stored in an orderly fashion on lower shelves in order to prevent spills.

2. SALES FLOOR

We sell many chemicals in our store. Each one has an MSDS in a binder in the Store Manager's Office.

We also have compressed gas (Helium) in the Customer Service Sales area. This is an explosive hazard.

Helium cylinders must be attached to the walls with chains or straps.

3. JANITORIAL

♦ CHEMICALS USED BY OUTSIDE JANITORIAL SERVICE – NOT BY FRY'S ASSOCIATES - AND PERSONAL PROTECTIVE EQUIPMENT NEEDED. *(Note: Fry's associates should not remove these items from the janitorial service area. Fry's associates should not use these chemicals at any time.)*			
NAME OF CHEMICAL	**HEALTH HAZARD**	**GLOVES**	**SPLASH GOGGLES**
1030 FLOOR FINISH	WARNING	**YES**	**YES**
1140 FLOOR FINISH	WARNING	**YES**	**YES**
808 FINISH STRIPPER	WARNING	**YES**	**YES**
815 FINISH STRIPPER	WARNING	**YES**	**YES**
1000 MAINTAINER/ RESTORER	CAUTION	**YES**	**YES**
JOHNSON WAX	CAUTION	NO	NO
TOP FLITE PLUS ALL PURPOSE CLEANER	WARNING	**YES**	**YES**
DEEP BLUE GLASS & SURFACE CLEANER	WARNING	**YES**	**YES**
M.A.D. MILD ACID DETERGENT	**DANGER**	**YES**	**YES**
CONSUME	CAUTION	**YES**	**YES**
BIG D AEROSOL DEODORANTS	CAUTION	**YES**	**YES**
PUSH LIQUID BACTERIA/DIGESTER	CAUTION	NO	NO
AF315 NEUTRAL PH DISINFECTANT	WARNING	**YES**	**YES**
PH7 NEUTRAL CLEANER	CAUTION	**YES**	**YES**
BONBET LIQUID DRY CARPET CLEANER	WARNING	**YES**	**YES** (MAKE SURE VENTILATION IS ADEQUATE)
ES-STEAM EXTRACTION CLEANER	WARNING	**YES**	**YES** (MAKE SURE VENTILATION IS ADEQUATE)
NILODOR POLYMER URINAL SCREEN	CAUTION	NO	**OPTIONAL**

♦ CHEMICALS USED BY FRY'S ASSOCIATES AND PERSONAL PROTECTIVE EQUIPMENT NEEDED			
NAME OF CHEMICAL	**HEALTH HAZARD**	**GLOVES**	**SPLASH GOGGLES**
ALL PURPOSE DILUTED CLEANER FROM CAFE	CAUTION	**NO**	**NO**
WINDEX	NONE	**NO**	**NO**
FURNITURE POLISH	CAUTION	**YES** (FOR PROLONGED USE)	**YES**
STAINLESS STEEL CLEANER	CAUTION	NO	NO
GOO-GONE	CAUTION	**YES** (IF SIGNIFICANT SPLASHING)	**YES** (FOR PROLONGED USE)

4. CAR ELECTRONICS INSTALLATION

♦ CHEMICALS USED BY FRY'S CAR ELECTRONICS INSTALLATION DEPT. AND PERSONAL PROTECTIVE EQUIPMENT NEEDED			
NAME OF CHEMICAL	**HEALTH HAZARD**	**GLOVES**	**SPLASH GOGGLES**
SPRAY ADHESIVE	WARNING	**YES**	**YES**
GLUE STICKS	CAUTION	**YES** (IF WORKING WITH MOLTEN MATERIAL)	**YES** (IF WORKING WITH MOLTEN MATERIAL)
3M STRIP CAULK	CAUTION	NO	NO

5. PROP. 65 (CALIFORNIA ONLY)

There are chemicals in our store that are known to the state of California to cause cancer, birth defects, or other reproductive harm.

- Carbonless paper (receipt tape)
- Diesel fuel (trucks and emergency generators)
- Solder (on salesfloor)
- Chemical lead
- Plastic coated cables (coax, data cables etc...)

To address exposures to Proposition 65 chemicals, the Director of Loss Prevention & Safety has provided clear and reasonable warnings to individuals prior to exposure by means of signs that are posted on each side of the aisles where these products are sold or used.

C. MATERIAL SAFETY DATA SHEETS (MSDS)

Federal law requires that copies of these sheets are available to our associates. The chemical manufacturer provides these sheets that contains detailed information about a specific hazardous material that is on the materials inventory. An MSDS contains the following information:

- Identity (name of the substance)
- Physical Hazards
- Health Hazards
- Routes of body entry
- Permissible Exposure limits (PEL)
- Carcinogenic Factors (cancer causing)
- Safe Handling Procedures
- Data of Sheet Preparation
- Control Measures (Personal Protective Equipment)
- Emergency First Aid
- Contact information (for the preparer of the sheet)
- Special Instructions

The Director of Loss Prevention & Safety is responsible for obtaining the MSDS's, reviewing them for completeness, and maintaining the data sheet system for the company. In the reviewing of incoming sheets, if new and significant health/safety information becomes available, this new information is passed on immediately to the affected associates by additional training sessions, posted memos, and other means of communication.

If MSDS's are missing or new hazardous substance(s) in use do not have MSDS's, please contact the Director of Loss Prevention & Safety at 408-487-4500. A new MSDS will be requested from the manufacturer.

You must read these sheets so that you have all the information that you need to work safely. There are copies in the café and a copy in the MSDS binder in the Store Manager's office.

You would use an MSDS, for example, if you spilled the Quaternary Food Contact Surface Sanitizer concentrate. Specific instructions for cleaning up a spill are written in the MSDS.

D. LABELING

ALL containers of hazardous materials must have legible labels identifying the material and warning associates of its potential hazards. The label must be placed in a conspicuous location on the container. Never use unlabeled containers to store any of the chemicals that are on this list. Every container must be properly labeled so that you know exactly what is inside the container. Never place one chemical in to a container that is labeled for a different container.

Fry's policy is all primary and secondary containers are labeled as follows:

LABEL INFORMATION	PRIMARY CONTAINER	SECONDARY CONTAINER
THE PRODUCT NAME	✔	✔
A WARNING STATEMENT, MESSAGE OR SYMBOL	✔	✔
NAME AND ADDRESS OF THE MANUFACTURER	✔	

Containers must be re-labeled if damaged or defaced.

E. HEALTH HAZARD DATA KEY WORDS

Each chemical we use will have the following hazard description name or number on the MSDS and on the label.

HEALTH HAZARD CLASSIFICATION NAME	HEALTH HAZARD CLASSIFICATION NUMBER	DESCRIPTION
DEADLY	**4**	THIS MEANS THE CHEMICAL MAY BE DEADLY.
EXTREME DANGER	**3**	THIS MEANS THAT THE CHEMICAL MAY BE TOXIC, CORROSIVE, OR FLAMMABLE. THE CHEMICAL MAY CAUSE PERMANENT BLINDNESS OR CHEMICAL BURNS. IT WOULD BE HARMFUL OR FATAL IF SWALLOWED.
WARNING *(DANGEROUS)*	**2**	CAUSES MODERATE IRRITATION. PROLONGED EXPOSURE CAUSES IRRITATION OR NAUSEA STOMACH DISTRESS IF SWALLOWED.
CAUTION *(SLIGHT HAZARD)*	**1**	THIS MEANS THE CHEMICAL MAY CAUSE IRRITATION TO SKIN AND EYES. IF SWALLOWED, MAY CAUSE STOMACH DISTRESS, NAUSEA, OR VOMITING.
NONE	**0**	NO HAZARD

F. ASSOCIATE INFORMATION AND TRAINING

Associates are to attend a health and safety training session set up by the Loss Prevention and Safety Department Manager prior to starting work. This training session will provide information on the following:

- The requirements of the hazard communication regulation, including the associate's rights under the regulation.
- The location and availability of the written hazard communication program.
- Any operation in the work area, including non-routine tasks, where hazardous substances or Prop 65 carcinogens/reproductive toxins are present and exposures are likely to occur.
- Methods and observation techniques used to determine the presence or release of hazardous substances in the work area.
- Protective practices the company has taken to minimize or prevent exposure to these substances.
- How to read labels and review MSDS's to obtain hazard information.
- Physical and health effects of the hazardous substances.
- Symptoms of overexposure.
- Emphasizes associates' need to practice reducing and preventing exposure to these hazardous substances by engineering controls, work practices, and use of personal protective equipment.
- Emergency and first-aid procedures to follow if associates are exposed to hazardous substances.
- The location and interpretation of warning signs or placards to communicate that a chemical known to cause cancer or reproductive toxicity is used in the workplace.

Associates will receive additional training when a new hazard is introduced into the workplace.

G. INFORMING CONTRACTORS

To ensure that outside contractors (janitorial employees) work safely in our stores and to protect our associates from chemicals used by outside contractors, the Director of Loss Prevention and Safety is responsible for giving and receiving the following information from contractor:

- Hazardous substances, including Proposition 65 chemicals, to which they may be exposed while on the job site as well as substances they will be bringing into the workplace. We will provide contractors with information on our labeling system and access to the MSDS's.

- Precautions and protective measures our associates may take to minimize the possibility of exposure.

H. INQUIRIES AND QUESTIONS

If anyone has questions about this plan, please contact the Director of Loss Prevention and Safety at the Home Office. Our Plan will be maintained by the Director of Loss Prevention and Safety to ensure that the policies are carried out and the plan is effective.

Summary

AIN: 2463-001-019 3

Situs Address:
2311 N HOLLYWOOD WAY
BURBANK CA 91505-1125

Use Type:	Commercial
Parcel Type:	Regular Fee Parcel
Tax Rate Area:	02530
Parcel Status:	**ACTIVE**
Create Date:	12/13/1995
Delete Date:	
Tax Status:	**CURRENT**
Year Defaulted:	
Exemption:	None

Building (0102) & Land Overview

Use Code:	1350
Design Type:	2700
Quality Class:	
# of Units:	0
Beds/Baths:	0/0
Building SqFt:	345,000
Year Built:	
Effective Year:	
Land SqFt:	446,273


(http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=2463-001)

Parcel Map (http://assessormap.co.la.ca.us/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=2463-001) / Map Index (http://maps.assessor.lacounty.gov/Geocortex/Essentials/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=2463-NDX)

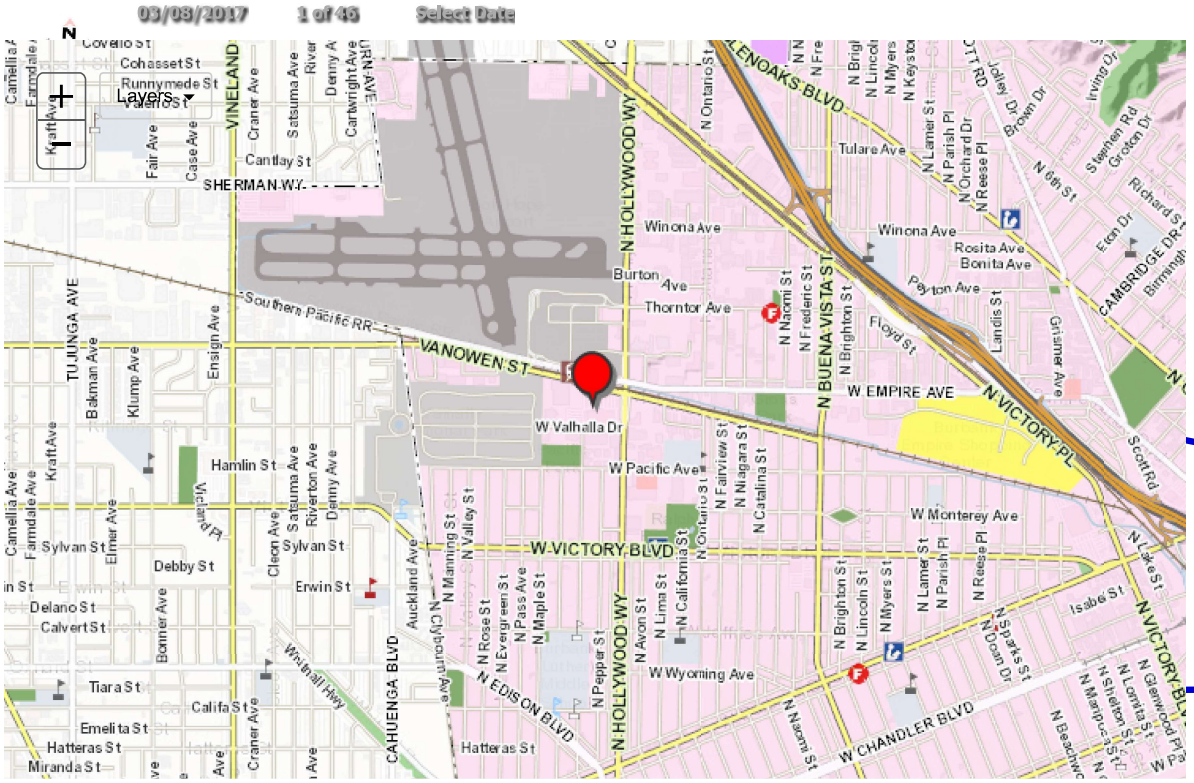
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$	9,114,233	$	8,935,523	T	1996	$	6,000,000
$	3,618,882	$	3,547,924	T	1996	$	2,386,000
$	12,733,115	$	12,483,447			$	8,386,000

Assessor's Responsible Division

District:	North District Office
Region:	24
Cluster:	24632 N HOLLYWD/BRBNK

North District Office (https://maps.google.com/?q=13800+Balboa+Blvd.+Sylmar%2C+CA+91342)
13800 Balboa Blvd.
Sylmar, CA 91342

Phone: (818) 833-6000
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm



2311 N Hollywood Way, Burbank, CA 91505-1125

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Building and Land Characteristics

Land Information

Use Code = 1350 (Commercial)

Total SqFt (GIS):	446,273
Total SqFt (PDB):	
Usable SqFt:	456,940
Acres:	
Land W' x D':	0 x 0
Sewers:	Yes
Flight Path:	No
X-Traffic:	Yes
Freeway:	No
Corner Lot:	Yes
Golf Front:	No
Horse Lot:	No
View:	None
Zoning:	(Refer Issuing Agency)
Code Split:	No
Impairment:	None

Situs Address:
2311 N HOLLYWOOD WAY BURBANK CA 91505-1125

Legal Description *(for assessment purposes)*:
P M 269-99-100 LOT 1

Use Code: 1350 (Commercial)
1 = Commercial
3 = Department Store
5 = Warehouse Store (Costco, etc.)
0 = One Story

Building Information

SUBPART:	***0102***
Design Type:	2700
Quality Class:	
# of Units:	0
Beds/Baths:	0/0
Building SqFt:	345,000
Year Built:	
Effective Year:	
Depreciation:	/ / 0
RCN Other:	$ 379,500
RCN Other Trended:	$ 824,274

Year Change: 1987

Design Type: 2700
2 = Commercial
7 = Parking Lot (Commercial or Patron)
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUBPART: ***0202***
Design Type: 1300
Quality Class: CX

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 101,566

Year Built: 1962
Effective Year: 1967
Depreciation: / / 0

RCN Other: $ 0
RCN Other Trended: $ 0
Year Change: 1997

Design Type: 1300
1 = Commercial
3 = Department Store
0 = Unused or Unknown Code (No Meaning)
0 = Unused or Unknown Code (No Meaning)

SUMMARY: ***Total***

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 101,566
Avg SqFt/Unit:

Events History

Ownership () | Parcel Change ()

Show Re-Assessable Only: ☐

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
12/29/1995	50	Yes	1	00%-0	K	$ 8,200,082	$ 8,200,000
03/15/1995	50	Yes		00%-0		$ 0	$ 4,966,095
12/15/1986	50	Yes	1		1	$ 1,360,013	$ 0

Assessment History

Show All: ☐ **Hide Inactive Rolls:** ☐

Showing 1 to 10 of 30 entries.

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
220-PSEG				12/29/1995	$ 12,733,115	$ 9,114,233	$ 3,618,882
2190000	R	A	07/01/2019	12/29/1995	$ 12,483,447	$ 8,935,523	$ 3,547,924
2180000	R	A	07/19/2018	12/29/1995	$ 12,238,674	$ 8,760,317	$ 3,478,357
2170000	R	A	06/26/2017	12/29/1995	$ 11,998,701	$ 8,588,547	$ 3,410,154
2160000	R	A	07/05/2016	12/29/1995	$ 11,763,434	$ 8,420,145	$ 3,343,289
2150000	R	A	06/23/2015	12/29/1995	$ 11,586,737	$ 8,293,667	$ 3,293,070
2140000	R	A	06/24/2014	12/29/1995	$ 11,359,770	$ 8,131,206	$ 3,228,564
2130000	R	A	06/25/2013	12/29/1995	$ 11,308,431	$ 8,094,458	$ 3,213,973
2120000	R	A	06/27/2012	12/29/1995	$ 11,086,698	$ 7,935,744	$ 3,150,954
2110000	R	A	07/06/2011	12/29/1995	$ 10,869,313	$ 7,780,142	$ 3,089,171

« 1 2 3 »

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Contact Us (https://assessor.lacounty.gov/contact-us/) | Disclaimer (disclaimer) | FAQ (faq)

PDB Effective Date: 04/12/2020

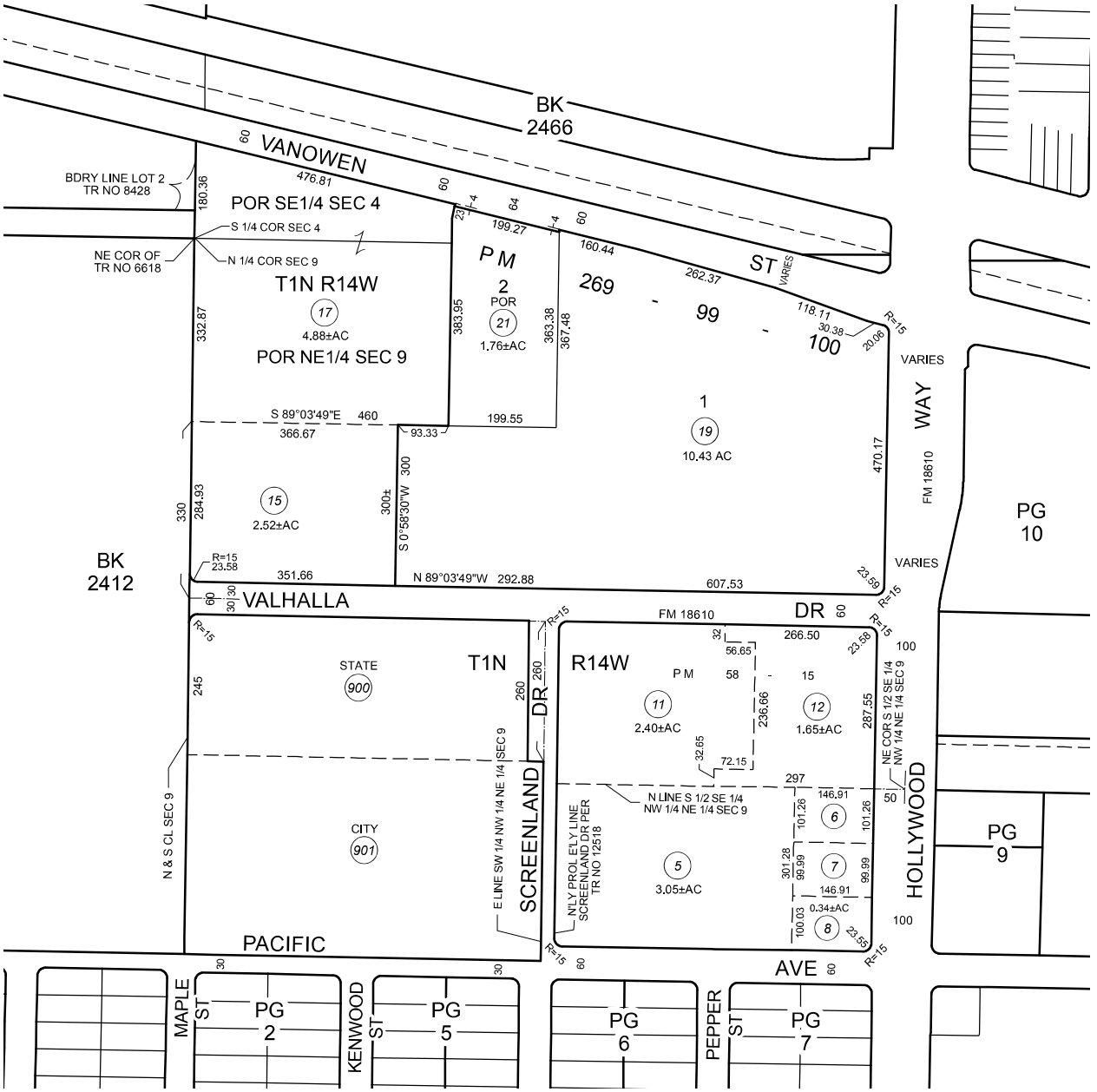
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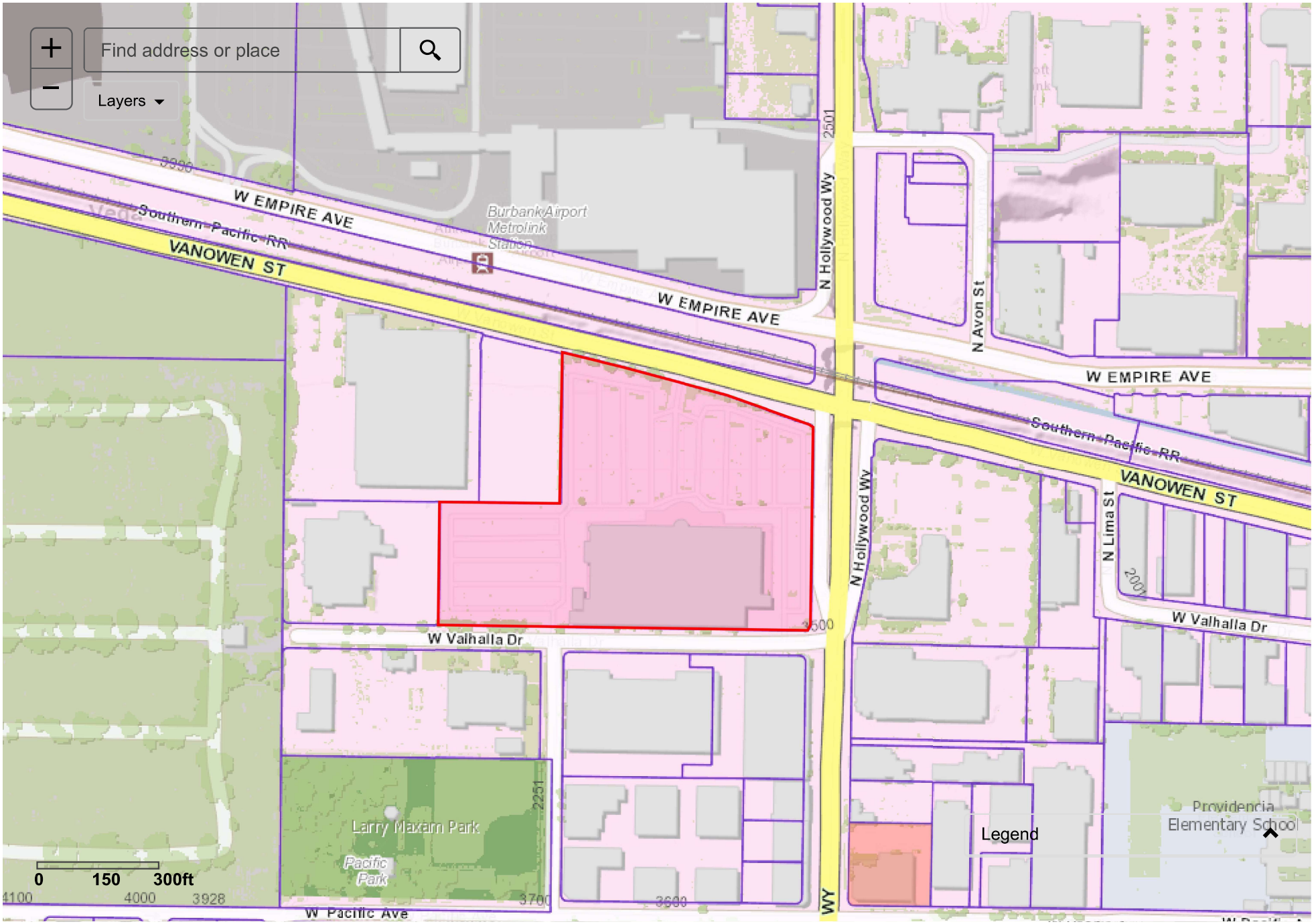
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MAPPING AND GIS SERVICES
SCALE 1" = 200'



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DATE SAVED: 4/24/2019 7:09:26 AM

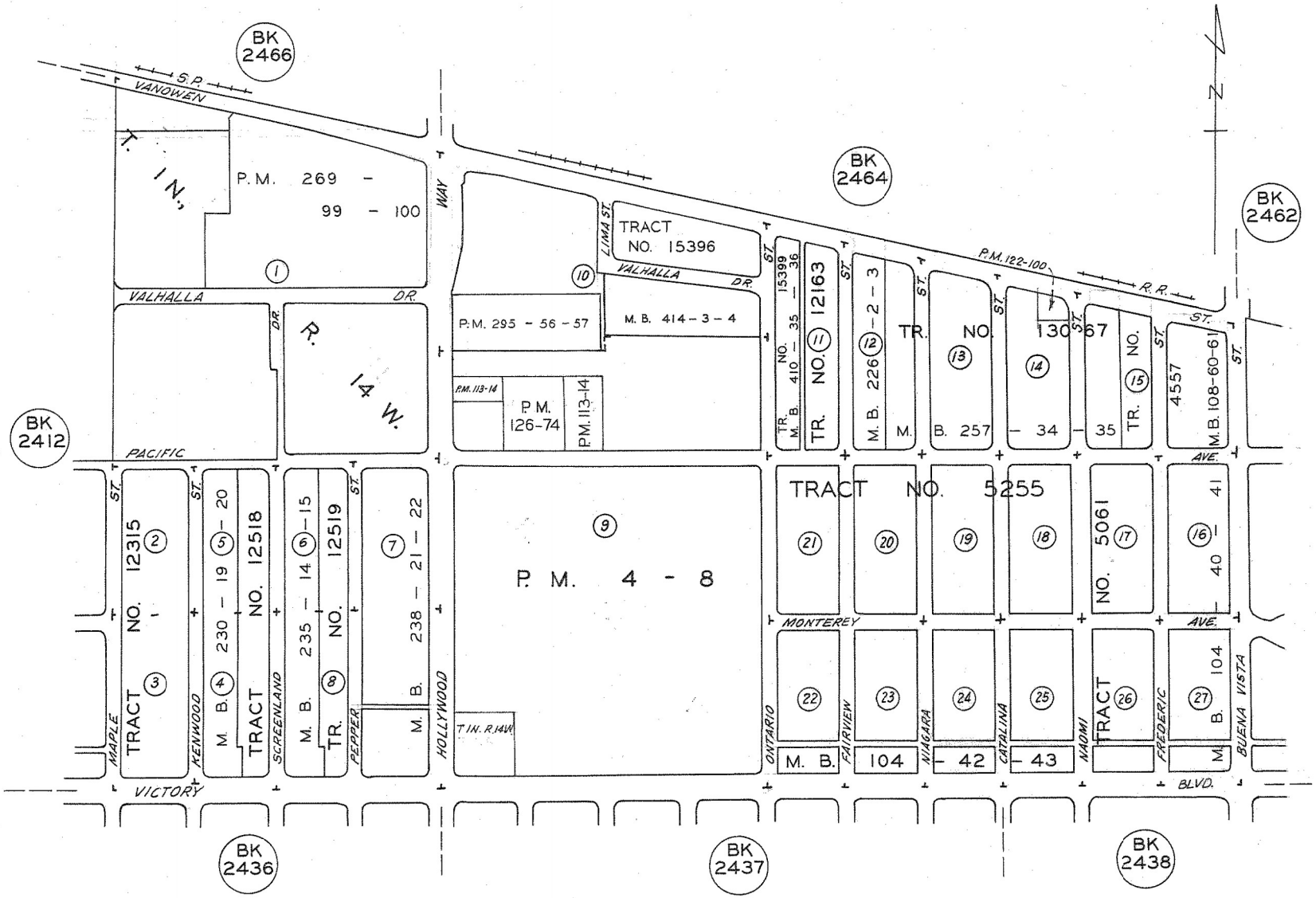

Find address or place
Layers
W EMPIRE AVE
Southern Pacific RR
VANOWEN ST
Burbank Airport Metrolink Station
N Hollywood Wy
N Avon St
N Lima St
W Valhalla Dr
Larry Maxam Park
Pacific Park
W Pacific Ave
Providencia Elementary School
Legend
0 150 300ft

2463

SCALE 1"= 400'

2001

681024
690305
761008
790712
800305
800625
820811
960124
970218
20000828



INDEX
BOOK 2463
CITY OF BURBANK

ASSESSOR'S MAP
COUNTY OF LOS ANGELES, CALIF.

Jared Blumenfeld
Secretary for
Environmental Protection

Department of Toxic Substances Control
Meredith Williams, Ph.D.
Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Gavin Newsom
Governor

EPA ID PROFILE

Map

ID Number: CAD982504052
Name: LOCKHEED MARTIN CORPORATION
County: LOS ANGELES
NAICS: 3364

Status: INACTIVE
Inactive Date: 6/30/1998 12:00:00 AM
Record Entered: 6/29/1990 12:00:00 AM
Last Updated: 8/10/2004 11:17:55 AM

	Name	Address	City	State	Zip Code	Phone
Location	LOCKHEED MARTIN CORPORATION	B76-76A 2311 N HOLLYWOOD WY	BURBANK	CA	915050000	
Mailing		2550 N HOLLYWOOD WAY STE 301	BURBANK	CA	915051055	
Owner	LOCKHEED MARTIN CORPORATION	6801 ROCKLEDGE DR	BETHESDA	MD	208170000	8188762000

Operator/Contact	R N HELGERSON	INACTIVE PER VQ98 - BMI	BURBANK	CA	915050000	8188476927

Based Only Upon ID Number: **CAD982504052**

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
Yes	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

Top line represents Manifest Count and Bottom line represents Total Tonnage

Year	Generator	Trans. 1	Trans. 2	TSDF	ALT. TSDF
1993	3 167.71720	0 0.00000	0 0.00000	0 0.00000	0 0.00000
1994	1 58.99600	0 0.00000	0 0.00000	0 0.00000	0 0.00000
1995	56 1145.88280	0 0.00000	0 0.00000	0 0.00000	0 0.00000

Non California Manifest Total Tonnage

No Records Found

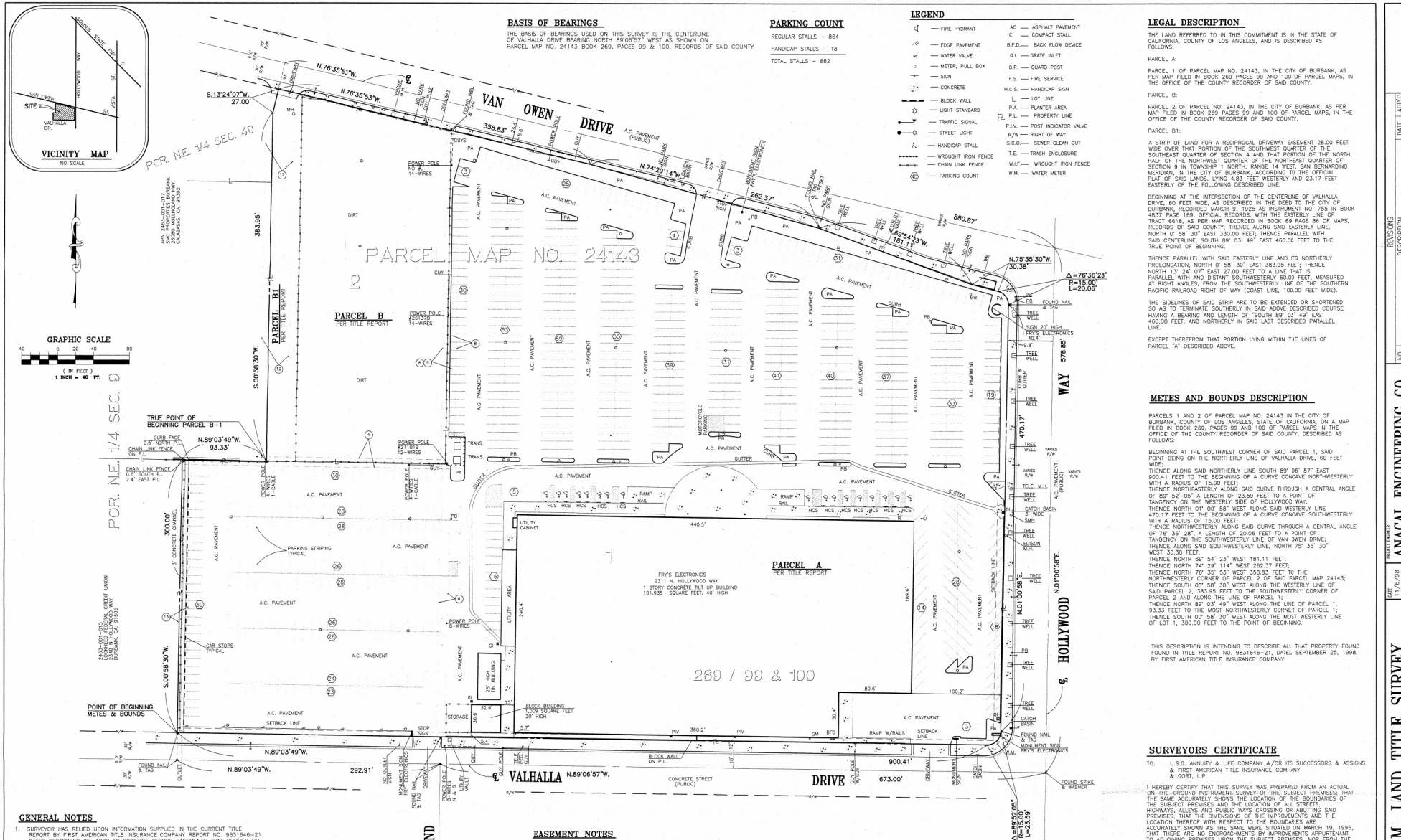
Waste Code Matrix

California	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF
RCRA	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF

Waste Code Matrix as a spreadsheet

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 04/19/2020



GENERAL NOTES

1. SURVEYOR HAS RELIED UPON INFORMATION SUPPLIED IN THE CURRENT TITLE REPORT BY FIRST AMERICAN TITLE INSURANCE COMPANY REPORT NO. 9831646-21 DATED SEPTEMBER 25, 1998 TO DISCLOSE RECORD EASEMENTS THAT BURDEN OR BENEFIT THIS PROPERTY.
2. BUILDING SETBACK LINES SHOWN HEREON REFLECT THE INFORMATION AS EXPLAINED BY THE CITY REPRESENTATIVE INDICATED HEREON.
3. THE PHRASE "FLOOD HAZARD" WITHIN THE CERTIFICATION HEREON REFERS TO "SPECIAL FLOOD HAZARD AREA" AS DEFINED BY FEMA AND THE NFIP AND ONLY REFERS TO THOSE AREAS ON FLOOD INSURANCE RATE MAPS AS BEING WITHIN ZONES A OR V OF SAID MAPS.
4. BY OBSERVATION NO CEMETERIES ARE KNOWN OR FOUND ON SUBJECT PROPERTY.
5. NO MONUMENTATION WAS FOUND OR SET AT THE PROPERTY CORNERS UNLESS NOTED OTHERWISE.
6. ASSESSORS PARCEL NUMBERS FOR THIS PROPERTY ARE 2463-001-019 & 2463-001-020.
7. BEARINGS AND DISTANCES ARE RECORD AND MEASURED PER PARCEL MAP NO. 24143 BOOK 269, PAGES 99 & 100, RECORDS OF SAID COUNTY, UNLESS NOTED OTHERWISE.
8. SURVEYOR TAKES NO RESPONSIBILITY OF ITEMS OMITTED DUE TO A RESULT OF VISUAL OBSTRUCTIONS.
9. THE BUILDING SQUARE FOOTAGE INDICATED ON THIS PLAN IS BASED ON EXTERIOR DIMENSIONS AT GROUND LEVEL ONLY.
10. THIS PLAN AND/OR DATA FILES INCLUDING ALL CONTENTS HEREIN ARE FOR THE SOLE USES AND PARTIES INDICATED HEREON. ANY DEVIATION OR MISUSES OF THIS PLAN AND/OR DATA FILES WITHOUT PRIOR WRITTEN AGREEMENTS BY ANACAL ENGINEERING IS PROHIBITED AND IS THE RESPONSIBILITY OF THE PARTIES USING SAID DRAWING AND/OR DATA FILES, UPON THE REUSE OF THIS PLAN AND/OR DATA FILES ANACAL ENGINEERING RELINQUISHES ALL RESPONSIBILITIES OF THE ACCURACY AND GENERAL CONTENT OF SAID PLAN AND/OR DATA FILES CONTAINED HEREIN.
11. SITE AS CONSTRUCTED IS LEGAL NO CONFORMING.

LAND AREA

PARCEL A:
454,330 SQUARE FEET
10.43 ACRES

PARCEL B:
77,537 SQUARE FEET
1.78 ACRES

TOTAL
531,868 SQUARE FEET
12.21 ACRES

FLOOD ZONE INFORMATION

ZONE: C
AREA OF MINIMAL FLOODING
PANEL NO. 065018-0005B
DATED: JANUARY 23, 1981

EASEMENT NOTES

THE FOLLOWING ITEMS WERE FOUND IN TITLE REPORT NO. 9831646-21 DATED SEPTEMBER 25, 1998 BY FIRST AMERICAN TITLE INSURANCE COMPANY:

(2) AN EASEMENT FOR POLE LINE PURPOSES DEDICATED TO THE CITY OF BURBANK. RECORDED SEPTEMBER 29, 1923 IN BOOK 2853, PAGE 23, OFFICIAL RECORDS. EASEMENT AFFECTS SUBJECT PROPERTY AND IS UNPLOTTABLE OF RECORD DESCRIPTION.

(3) AN EASEMENT FOR TELEPHONE & TELEGRAPH PURPOSES TO SOUTHERN CALIFORNIA TELEPHONE COMPANY. RECORDED MARCH 28, 1944 AS INSTRUMENT NO. 1608, BOOK 20800, PAGE 152, OFFICIAL RECORDS. EASEMENT AFFECTS SUBJECT PROPERTY AND IS UNPLOTTABLE OF RECORD DESCRIPTION.

(4) AN EASEMENT FOR POLE LINE PURPOSES DEDICATED TO THE CITY OF BURBANK. RECORDED JULY 12, 1961 AS INSTRUMENT NO. 1417, BOOK D1282, PAGE 987, OFFICIAL RECORDS. EASEMENT AFFECTS SUBJECT PROPERTY AND IS PLOTTED HEREON.

(5) AN EASEMENT FOR PUBLIC UTILITY & SEWER PURPOSES DEDICATED TO THE CITY OF BURBANK. RECORDED JULY 12, 1961 AS INSTRUMENT NO. 1418, BOOK D1282, PAGE 989, OFFICIAL RECORDS. EASEMENT AFFECTS SUBJECT PROPERTY AND IS PLOTTED HEREON.

(6) AN EASEMENT FOR STORM DRAIN PURPOSES DEDICATED TO THE APPEL DEVELOPMENT CO. RECORDED JULY 12, 1961 AS INSTRUMENT NO. 1420, BOOK D1282, PAGE 992, OFFICIAL RECORDS. EASEMENT AFFECTS SUBJECT PROPERTY AND IS PLOTTED HEREON.

(8) AN EASEMENT FOR PUBLIC UTILITY & SEWER PURPOSES DEDICATED TO THE CITY OF BURBANK. RECORDED MAY 11, 1962 AS INSTRUMENT NO. 3914, BOOK D1611, PAGE 921, OFFICIAL RECORDS. EASEMENT AFFECTS SUBJECT PROPERTY AND IS PLOTTED HEREON.

(12) AN EASEMENT FOR DRIVEWAY PURPOSES OVER AND FOR SUBJECT PROPERTY RECORDED NOVEMBER 2, 1994 AS INSTRUMENT NO. 94-1983332, OFFICIAL RECORDS. EASEMENT AFFECTS SUBJECT PROPERTY AND IS PLOTTED HEREON.

(13) AN EASEMENT FOR DRAINAGE PURPOSES OVER AND FOR SUBJECT PROPERTY RECORDED NOVEMBER 2, 1994 AS INSTRUMENT NO. 94-1983333, OFFICIAL RECORDS. EASEMENT AFFECTS SUBJECT PROPERTY AND IS PLOTTED HEREON.

ZONING INFORMATION

ZONE: C-3
COMMERCIAL

SETBACKS:
FRONT: 5' OR 20% OF BUILDING HEIGHT
SIDE: 5' OR 20% OF BUILDING HEIGHT
REAR: 0'

BULK: NONE
HEIGHT: 35'
PARKING RESTRICTIONS:

3.3 STALLS PER 1000 SQUARE FEET OF BUILDING

3.3 STALLS PER 1000 SQUARE FEET OF BUILDING

THIS INFORMATION WAS OBTAINED FROM THE CITY OF BURBANK, 275 E. OLIVE AV. 91502, PH:(818)238-5250 ATTN: PUBLIC COUNTER

LEGAL DESCRIPTION

THE LAND REFERRED TO IN THIS COMMITMENT IS IN THE STATE OF CALIFORNIA, COUNTY OF LOS ANGELES, AND IS DESCRIBED AS FOLLOWS:

PARCEL A:

PARCEL 1 OF PARCEL MAP NO. 24143, IN THE CITY OF BURBANK, AS PER MAP FILED IN BOOK 269 PAGES 99 AND 100 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PARCEL B:

PARCEL 2 OF PARCEL NO. 24143, IN THE CITY OF BURBANK, AS PER MAP FILED IN BOOK 269 PAGES 99 AND 100 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PARCEL B1:

A STRIP OF LAND FOR A RECIPROCAL DRIVEWAY EASEMENT 28.00 FEET WIDE OVER THAT PORTION OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 4 AND THAT PORTION OF THE NORTH HALF OF THE NORTHWEST QUARTER OF THE NORTH-EAST QUARTER OF SECTION 9 IN TOWNSHIP 1 NORTH, RANGE 14 WEST, SAN BERNARDINO MERIDIAN, IN THE CITY OF BURBANK, ACCORDING TO THE OFFICIAL PLAT OF SAID LANDS, LYING 4.83 FEET WESTERLY AND 23.17 FEET EASTERLY OF THE FOLLOWING DESCRIBED LINE:

BEGINNING AT THE INTERSECTION OF THE CENTERLINE OF VALHALLA DRIVE, 60 FEET WIDE, AS DESCRIBED IN THE DEED TO THE CITY OF BURBANK, RECORDED MARCH 9, 1925 AS INSTRUMENT NO. 755 IN BOOK 4837 PAGE 169, OFFICIAL RECORDS, WITH THE EASTERLY LINE OF TRACT 6618, AS PER MAP RECORDED IN BOOK 69 PAGE 86 OF MAPS, RECORDS OF SAID COUNTY; THENCE ALONG SAID EASTERLY LINE, NORTH 0° 58' 30" EAST 330.00 FEET; THENCE PARALLEL WITH SAID CENTERLINE, SOUTH 89° 03' 49" EAST 460.00 FEET TO THE TRUE POINT OF BEGINNING.

THENCE PARALLEL WITH SAID EASTERLY LINE AND ITS NORTHERLY PROLONGATION; NORTH 0° 58' 30" EAST 383.95 FEET; THENCE NORTH 13° 24' 07" EAST 27.00 FEET TO A LINE THAT IS PARALLEL WITH AND DISTANT SOUTHWESTERLY 60.00 FEET, MEASURED AT RIGHT ANGLES, FROM THE SOUTHWESTERLY LINE OF THE SOUTHERN PACIFIC RAILROAD RIGHT OF WAY (COAST LINE, 100.00 FEET WIDE).

THE SIDELINES OF SAID STRIP ARE TO BE EXTENDED OR SHORTENED SO AS TO TERMINATE SOUTHERLY IN SAID ABOVE DESCRIBED COURSE HAVING A BEARING AND LENGTH OF "SOUTH 89° 03' 49" EAST 460.00 FEET; AND NORTHERLY IN SAID LAST DESCRIBED PARALLEL LINE.

EXCEPT THEREFROM THAT PORTION LYING WITHIN THE LINES OF PARCEL "A" DESCRIBED ABOVE.

METES AND BOUNDS DESCRIPTION

PARCELS 1 AND 2 OF PARCEL MAP NO. 24143 IN THE CITY OF BURBANK, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, ON A MAP FILED IN BOOK 269, PAGES 99 AND 100 OF PARCEL MAPS IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHWEST CORNER OF SAID PARCEL 1, SAID POINT BEING ON THE NORTHERLY LINE OF VALHALLA DRIVE, 60 FEET WIDE;
THENCE ALONG SAID NORTHERLY LINE SOUTH 89° 06' 57" EAST 900.41 FEET TO THE BEGINNING OF A CURVE CONCAVE NORTHWESTERLY WITH A RADIUS OF 15.00 FEET;
THENCE NORTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 89° 52' 05" A LENGTH OF 23.59 FEET TO A POINT OF TANGENCY ON THE WESTERLY LINE OF HOLLYWOOD WAY;
THENCE NORTH 01° 00' 58" WEST ALONG SAID WESTERLY LINE 470.17 FEET TO THE BEGINNING OF A CURVE CONCAVE SOUTHWESTERLY WITH A RADIUS OF 15.00 FEET;
THENCE NORTHWESTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 76° 36' 28", A LENGTH OF 20.06 FEET TO A POINT OF TANGENCY ON THE SOUTHWESTERLY LINE OF VAN OWEN DRIVE;
THENCE ALONG SAID SOUTHWESTERLY LINE, NORTH 75° 35' 30" WEST 30.38 FEET;
THENCE NORTH 69° 54' 23" WEST 181.11 FEET;
THENCE NORTH 74° 29' 114" WEST 262.37 FEET;
THENCE NORTH 76° 35' 53" WEST 358.83 FEET TO THE NORTHWESTERLY CORNER OF PARCEL 2 OF SAID PARCEL MAP 24143;
THENCE SOUTH 00° 58' 30" WEST ALONG THE WESTERLY LINE OF SAID PARCEL 2, 383.95 FEET TO THE SOUTHWESTERLY CORNER OF PARCEL 2 AND ALONG THE LINE OF PARCEL 1;
THENCE NORTH 89° 03' 49" WEST ALONG THE LINE OF PARCEL 1, 93.33 FEET TO THE MOST NORTHWESTERLY CORNER OF PARCEL 1;
THENCE SOUTH 00° 58' 30" WEST ALONG THE MOST WESTERLY LINE OF LOT 1, 300.00 FEET TO THE POINT OF BEGINNING.

THIS DESCRIPTION IS INTENDING TO DESCRIBE ALL THAT PROPERTY FOUND FOUND IN TITLE REPORT NO. 9831646-21, DATED SEPTEMBER 25, 1998, BY FIRST AMERICAN TITLE INSURANCE COMPANY:

SURVEYORS CERTIFICATE

TO: U.S.G. ANNUITY & LIFE COMPANY &/OR ITS SUCCESSORS & ASSIGNS & FIRST AMERICAN TITLE INSURANCE COMPANY & GORT, L.P.

I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED FROM AN ACTUAL ON-THE-GROUND INSTRUMENT SURVEY OF THE SUBJECT PREMISES; THAT THE SAME ACCURATELY SHOWS THE LOCATION OF THE BOUNDARIES OF THE SUBJECT PREMISES AND THE LOCATION OF ALL STREETS, HIGHWAYS, ALLEYS AND PUBLIC WAYS CROSSING OR ABUTTING SAID PREMISES; THAT THE DIMENSIONS OF THE IMPROVEMENTS AND THE LOCATIONS THEREOF WITH RESPECT TO THE BOUNDARIES ARE ACCURATELY SHOWN AS THE SAME WERE SITUATED ON MARCH 19, 1996, THAT THERE ARE NO ENCROACHMENTS BY IMPROVEMENTS APPURTENANT TO ADJOINING PREMISES UPON THE SUBJECT PREMISES, NOR FROM THE SUBJECT PREMISES UNLESS SHOWN HEREON; THAT ALL BUILDINGS AND STRUCTURES LIE WHOLLY WITHIN ALL APPLICABLE BUILDING RESTRICTION LINES, IF ANY, AND DO NOT VIOLATE ANY RESTRICTION OR OTHER RECORDED AGREEMENT SET FORTH IN THE TITLE COMMITMENT OR THE SUBJECT PREMISES DATED SEPTEMBER 25, 1998, OF WHICH WE HAVE BEEN MADE AWARE OF, ISSUED TO YOU BY FIRST AMERICAN TITLE INSURANCE COMPANY THAT ALL EASEMENTS AND RIGHTS OF WAY WHICH ARE APPURTENANT TO OR BURDEN THE SUBJECT PREMISES AND (I) ARE REFERRED TO IN THE TITLE COMMITMENT, OR (II) ARE APPARENT FROM A VISUAL INSPECTION, ARE DELINEATED HEREON; AND THAT THE SUBJECT PREMISES ARE NOT IN A SPECIAL FLOOD HAZARD AREA.

ACCESS TO AND EGRESS FROM THE SUBJECT PREMISES AND THE IMPROVEMENTS AND STRUCTURES THEREON ARE PROVIDED VIA THE MEANS INDICATED HEREON. MUNICIPAL WATER, MUNICIPAL STORM SEWER AND MUNICIPAL SANITARY SEWER FACILITIES AND TELEPHONE, GAS AND ELECTRIC SERVICES OF PUBLIC UTILITIES ARE AVAILABLE IN THE LOCATION INDICATED HEREON. THIS SURVEY REFLECTS BOUNDARY LINES OF THE PREMISES WHICH "CLOSE" BY ENGINEERING CALCULATION.

I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS", JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND ACSM IN 1997; AND MEETS THE ACCURACY REQUIREMENTS OF A CLASS A SURVEY, AS AS INCLUDING ITEMS 2,3,4,6,7(a)(a1)(c),8,9,10,11, 13 & 15 OF TABLE AS DEFINED THEREIN.

C. J. QUEYREL, L.S. 2988 — DATE 11-6-98

LICENSED LAND SURVEYOR C. J. QUEYREL No. 2988 06/30/00 STATE OF CALIFORNIA

JOB NO. 98303A

REVISIONS

NO.	DESCRIPTION	DATE	APP'D

PROJECT MANAGER: ANACAL ENGINEERING CO.
CIVIL ENGINEERING & LAND SURVEYING
1901 E. LA PALMA AVE., SUITE 202 ~ ANAHEIM, CALIFORNIA 92805
PHONE : (714)774-1763 FAX: (714)774-4690
E-MAIL ADDRESS: ANACAL@COMPUSERVE.COM

DATE 11/6/98
SCALE 1"=40'
DRAWN A. G.
CHECKED C. J. Q.

SHEET TITLE: A.L.T.A./A.C.S.M. LAND TITLE SURVEY
PROJECT: FRY'S ELECTRONICS
2311 NORTH HOLLYWOOD WAY
BURBANK, CALIFORNIA

SHEET NO. 1 OF 1

JOB NO. 98303A

STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY
CONTAINER TYPES: 1,2,3,4,5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

I OWNER
CALIFORNIA NATIONAL GUARD
P.O. BOX 214405 SACRAMENTO CA 95821

II FACILITY

	MAILING ADDRESS	DEALER/FOREMAN/SUPERVISOR	TYPE OF BUSINESS
ORGANIZATIONAL MAINT SHOP #13	TOWNSHIP/RANGE/SECTION	TELEPHONE	NO. OF CONTAINERS
3800 VALHALLA DR.			
BURBANK CA 91504	3800 VALHALLA DR.	CW4 GEORGE A. MCLEARY	REPAIR/FUEL DISPENSI
	BURBANK CA 91504		
CROSS STREET :		(818) 845-5284	3
HOLLYWOOD WAY			

III 24-HR. CONTACT PERSON / TELEPHONE
DAY: MCLEARY, GEORGE A. (818) 846-3118 NIGHT: SAME ( ) -

********** OWNER ASSIGNED CONTAINER NUMBER: 1 ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000061240001 *********

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: NATIONAL TANK /1950
C. YEAR INSTALLED : 1950
D. CAPACITY (GALLONS) : 3,000
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: UNLEADED

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS:
B. VAULTING: NON-VAULTED
C. WALLING: UNKNOWN
D. MATERIAL : UNKNOWN
E. LINING : UNLINED
F. WRAPPING : UNKNOWN

VI PIPING
A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12031 UNLEADED MOTOR VEHICLE FUEL

PAGE 3485 STATE WATER RESCURCES CONTROL BOARD 06/01/88

HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

CONTAINER TYPES: 1,2,3,4,5

(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

********** OWNER ASSIGNED CONTAINER NUMBER: 2 ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000000 1240002 *********

IV DESCRIPTION
A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: NATIONAL TANK /1950
C. YEAR INSTALLED : 1950
D. CAPACITY (GALLONS) : 2,000
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: DIESEL

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS: B. VAULTING: NON-VAULTED C. WALLING: UNKNOWN
D. MATERIAL : UNKNOWN
E. LINING : UNLINED
F. WRAPPING : UNKNOWN

VI PIPING
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12034 DIESEL MOTOR VEHICLE FUEL

********** OWNER ASSIGNED CONTAINER NUMBER: 3 ********** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000000 1240003 *********

IV DESCRIPTION
A. CONTAINER TYPE : OTHER
B. MANUFACTURER/YR OF MFG: /1958
C. YEAR INSTALLED : 1958
D. CAPACITY (GALLONS) :
E. REPAIRS : YES IF YES WHEN : 1976
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : WASTE
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: OIL, GREASE, DI

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION
A. THICKNESS: 3 INCHES B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CONCRETE
E. LINING : UNLINED
F. WRAPPING : NONE

VI PIPING
A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : GRAVITY
C. REPAIRS : YES IF YES, YEAR OF MOST RECENT REPAIR: 1976

VII LEAK DETECTION
NONE

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
NONE

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600

July 5, 1995

Mr. Ron N. Helgerson
Lockheed Martin Corporation
Burbank Program Office
2550 N. Hollywood Way, Suite 506
Burbank, CA 91505-1055

SOIL REMEDIATION FINAL REPORT, LOCKHEED PLANT A-1 SOUTH, BUILDING 76A (File No. 104.0675)(Cleanup and Abatement Order No. 87-161)

Your May 25, 1995, letter transmitted the "Final Report of Soil Remediation for Building 76A, Lockheed Plant A-1 South".

Based on our review of the report, no further remediation is required as it appears that the contaminated areas identified by previous site investigations have been remediated to the extent possible that would greatly reduce the threat to the groundwater beneath the site. Confirmatory soil samplings and testings have indicated that this site has been remediated in accordance with Cleanup and Abatement Order No. 87-161 issued by this Regional Board on December 10, 1987.

As a result, the Lockheed Plant A-1 South site is hereby excluded from requirements set forth in Cleanup and Abatement Order No. 87-161. This does not release any other Lockheed sites from this Order. In addition, Lockheed should continue monitoring the groundwater monitoring well at the site. In the event that Lockheed sells this property, the new owner(s) must provide Lockheed and their consultants continued access to the property for the purpose of monitoring the on-site well.

Please call Alex Carlos at (213) 266-7583 if you have any questions.

Robert P. Ghirelli

ROBERT P. GHIRELLI, D.Env.
Executive Officer

c:\Lockheed\A-1\A-1south\closure.ltr

cc: David Seter, USEPA, Region IX
Jorge Leon, SWRCB, Office of the Chief Counsel
John Lewis, RWQCB, Region 4
Hamid Saebfar, CALEPA, DTSC, Region 3
Mel Blevins, ULARA Watermaster
John Johnsen, Lockheed Martin Corporation, Burbank Program Office
Scott Warren, Lockheed Martin Corporation, Burbank Program Office
Carol Yuge, Lockheed Martin Corporation, Burbank Program Office

eurofins | Calscience

Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Attn: Robert Sabater

Work Order: 17-04-0729
Project Name: LMC BOU
Received: 04/10/17

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
A-1-CW05-N-17Q2 (17-04-0729-6)						
Chromium	0.000622	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
Dichlorodifluoromethane	0.84	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	4.0		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	0.44	J	0.29*	ug/L	EPA 8260B	EPA 5030C
1,4-Dioxane	2.3		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
A-1-CW05-FD-17Q2 (17-04-0729-7)						
Chromium	0.000512	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
Acetone	4.4	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	0.85	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	4.3		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	0.50		0.50	ug/L	EPA 8260B	EPA 5030C
1,4-Dioxane	2.7		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
A-1-CW04-N-17Q2 (17-04-0729-8)						
Chromium, Hexavalent	0.88		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00164		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.3		0.50	ug/L	EPA 8260B	EPA 5030C
1,1,2-Trichloroethane	7.4		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	0.76		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	17		1.0	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	0.42	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloropropane	0.50		0.50	ug/L	EPA 8260B	EPA 5030C
Acetone	4.7	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.91		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	3.6		0.50	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	0.88	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	5.2		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	4.8		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	25		2.5	ug/L	EPA 8260B SIM	EPA 5030C
1,4-Dioxane	2.0		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C

Return to Contents

* MDL is shown

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Attn: Robert Sabater

Work Order: 17-04-0729
Project Name: LMC BOU
Received: 04/10/17

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
A-1-CW05-N-17Q2 (17-04-0729-6)						
Chromium	0.000622	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
Dichlorodifluoromethane	0.84	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	4.0		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	0.44	J	0.29*	ug/L	EPA 8260B	EPA 5030C
1,4-Dioxane	2.3		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
A-1-CW05-FD-17Q2 (17-04-0729-7)						
Chromium	0.000512	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
Acetone	4.4	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	0.85	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	4.3		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	0.50		0.50	ug/L	EPA 8260B	EPA 5030C
1,4-Dioxane	2.7		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
A-1-CW04-N-17Q2 (17-04-0729-8)						
Chromium, Hexavalent	0.88		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00164		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.3		0.50	ug/L	EPA 8260B	EPA 5030C
1,1,2-Trichloroethane	7.4		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	0.76		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	17		1.0	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	0.42	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloropropane	0.50		0.50	ug/L	EPA 8260B	EPA 5030C
Acetone	4.7	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.91		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	3.6		0.50	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	0.88	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	5.2		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	4.8		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	25		2.5	ug/L	EPA 8260B SIM	EPA 5030C
1,4-Dioxane	2.0		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C

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* MDL is shown

eurofins | Calscience

Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0840
Project Name: LMC BOU
Received: 04/11/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
A-1-CW09-N-17Q2 (17-04-0840-1)						
Chromium, Hexavalent	1.4		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00224		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.9		0.50	ug/L	EPA 8260B	EPA 5030C
1,1,2-Trichloroethane	7.5		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	0.74		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	10		1.0	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	0.38	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloropropane	0.52		0.50	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	1.1		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	3.8		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	5.9		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	5.9		0.50	ug/L	EPA 8260B	EPA 5030C
Methyl-t-Butyl Ether (MTBE)	0.44	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	15		1.2	ug/L	EPA 8260B SIM	EPA 5030C
1,4-Dioxane	3.7		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
C-1-CW02-N-17Q2 (17-04-0840-2)						
Chromium	0.000600	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
Dichlorodifluoromethane	0.86	J	0.40*	ug/L	EPA 8260B	EPA 5030C
LTB-20170411 (17-04-0840-3)						
Acetone	4.6	J	4.0*	ug/L	EPA 8260B	EPA 5030C
A-1-CW02-N-17Q2 (17-04-0840-4)						
Chromium	0.00365		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.41	J	0.24*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.29	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	21		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	4.2		0.50	ug/L	EPA 8260B	EPA 5030C
B-6-CW08-N-17Q2 (17-04-0840-5)						
Chromium, Hexavalent	0.028		0.020	ug/L	EPA 218.6	N/A
Chromium	0.000834	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.43	J	0.24*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.27	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	12		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	3.2		0.50	ug/L	EPA 8260B	EPA 5030C
Methyl-t-Butyl Ether (MTBE)	0.24	J	0.20*	ug/L	EPA 8260B	EPA 5030C

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* MDL is shown

TETRA TECH

August 31, 2017

Gary Riley
Lieutenant, U.S. Public Health Service
U.S. EPA Region IX, Superfund Division
75 Hawthorne Street, SFD-7-2
San Francisco, CA 94105-3901

Via Electronic Mail

SUBJECT: Transmittal - *Annual Groundwater Monitoring Report, Second Quarter 2017, Burbank Operable Unit, Burbank, California*

Dear Mr. Riley:

On Behalf of Lockheed Martin Corporation please find enclosed a copy of the Annual Groundwater Monitoring Report, Second Quarter 2016, Burbank Operable Unit, Burbank, California. This report presents the second quarter groundwater elevation measurements and groundwater quality data from the BOU monitoring well network including the Pacific Airmotive Corporation monitoring wells. A tabulation of the volume of groundwater extracted by the BOU for the reporting period is also included.

As discussed, a response to the comments provided by the U.S. EPA [EPA Review of "Annual Groundwater Monitoring Report Second Quarter 2016, Burbank Operable Unit, Burbank, California" (August 2016)] on 01 May 2017 is provided as Attachment 1 to this letter. The 2017 BOU Report has been modified based on those comments that would apply to this year's report.

If you have any questions regarding the enclosed document, please contact Stan Phillips at robert.s.phillips@lmco.com or (817) 495-0251 or myself at Thomas.villeneuve@tetratech.com or 9093825109.

Sincerely,
TETRA TECH, INC.

Thomas J. Villeneuve, P.E.
BOU and Burbank Soils Program Manager

Attachment 1 – Lockheed Martin response to EPA Review of "Annual Groundwater Monitoring Report Second Quarter 2016, Burbank Operable Unit, Burbank, California" (August 2016)

Tetra Tech, Inc.
301 East Vanderbilt Way, Suite 450, San Bernardino, CA 92408-3559
Tel 909.381.1674 Fax 909.889.1391 www.tetratech.com

Enclosure

cc: William Mace, City of Burbank Water and Power
Paul Williams, State Water Board Division of Drinking Water
Gloria Pak, Los Angeles Regional Water Quality Control Board
Glenn Bruck, USEPA
Lisa Hamilton, AMEC representing General Electric
Sonja Donaldson, OTIE
Kevin Murdock, CH2MHill
Stan Phillips, Lockheed Martin
Tom Davis, CDMSmith

Response to EPA Comments dated May 1, 2017 to the August 2016

Annual Groundwater Monitoring Report, Second Quarter 2016, Burbank Operble Unit, Burbank, California

EPA Comments		Response
		It was agreed in communications with the EPA that because of the timing of the comments on the 2016 BOU Groundwater Monitoring Report, the 2016 document would not be modified, but their comments would be used to modify the 2017 Annual BOU Groundwater Monitoring Report as appropriate.
1	Section 1.0, Introduction, Page 1-1 – Third paragraph states the activities were conducted in accordance with the Revised Operational Sampling Plan (OSP). The Sampling and Analysis Plan Addendum (Tetra Tech, 2016) for low flow sampling should also be referenced here.	The OSP was updated in early 2017 and is referenced in Section 1.0 and in other places in the text were appropriate.
2	Section 2.2.1, Pump Removal, Page 2-1 – Please add a description regarding the decontamination and disposal procedures for the pumps and associated piping.	The August 2017 report (Section 2.5.1, Low-Flow Pump Installation) includes a description of how the pumps and associated piping (pulled from the wells that were modified to low-flow pumps) were decontaminated and stored for off-site disposal. It notes that the pumps and piping were were pressure washed and placed in roll-off bins for offsite disposal. Based on information provided by the Off-Site Rule (OSR) contact for USEPA Region IX, the pumps and piping will be taken to Clean Harbors in Buttonwillow, California, (one of USEPA's approved CERCLA waste facilities) after the waste profiles have been completed.
3	Section 2.4.1, Low-Flow Sampling, Pages 2-4 and 2-5 – Please add a description regarding any deviations to the SAP Addendum for low flow sampling, similar to Section 2.5 for the OSP.	Deviations from the OSP during the April 2017 monitoring event are documented in section 2.9 of the report.
4	Section 4.1, Groundwater Elevations, Page 4-1 (and Table 1) – An EPA comment on the 2015 annual groundwater monitoring report noted that water levels were collected over a 3-week period and suggested that water levels be measured over a shorter timeframe (generally 1-2 days). Per Table 1, most Spring 2016 water levels were measured over the period of April 4-7, although some measurements were collected on April 2 (1), April 9 (6), April 13 (1), April 15 (2), and April 18 (1). Although the overall window for measurements (about 2 weeks) is an improvement over 2015, efforts should be made in the future to further compress this range. Monitoring wells 3872R, MW-04, MW-05, MW-06, SW-1, and SW-5 have not been surveyed. These wells should be surveyed prior to the next groundwater monitoring event.	Not all wells are accessable during the gauging event. The field crews do what they can to collect the measurements in as short a time frame as possible. Water level measurements were collected during the April 2017 monitoring event on April 18, 19, and 20. Monitoring wells 3872R, MW-04, MW-05, MW-06, SW-1, SW-5, OW-VO1R, OW-V02R, and OW-V03R were surveyed on May 25, 2017 and OW-V08 was surveyed on June 6, 2017. The survey data was utilized in this report to calculate groundwater elevations and plot their locations. This is documented in section 2.4 of the monitoring report.
5	Section 4.2.7, Results of Stratification Testing, Pages 4-7 and 4-8 – This section describes the results of the stratification testing, notes that overall higher concentrations were found in the deeper samples compared to the shallow samples, and state that future samples will be collected from the deeper zone in these wells. Based on the data presented, EPA agrees with this approach for these wells.	Comment noted.
6	Section 6.3.2, Horizontal Gradients, Page 6-7 – This section refers to the water level evaluation for the WT HSU using the triangulated irregular network (TIN) approach, as depicted on Figure 30. However, the text should acknowledge that the direction of the horizontal gradient in triangles U, V, W, and X is to the southeast, indicating that groundwater in the area generally south of Burbank Boulevard is not likely being captured by the extraction wells.	The TIN values for those triangles that cross or are below the capture line will be acknowledged in future documents. In 2017, the groundwater contours and the TINs support that capture from the BOU extraction wells extends south to approximately West Allan and Wyoming Avenue in the central-western portion of the BOU and Chandler Boulevard in the eastern portion of the BOU. The horizontal gradients calculated for triangles EE, FF, GG, and HH support partial capture in those regions. The horizontal gradients in triangles KK and LL do not support capture in those regions.
7	Sections 6.4 (Chemicals of Concern Concentration Trends) and 6.5 (Capture Zone Summary) – These sections focus on the four identified well pairs south of Burbank Boulevard. Well 3872N is not part of the four well pairs, but is identified in the OSP as essential for capture zone evaluation, mass flux evaluation, and characterization. This well showed a significant increase in PCE from 612 µg/L (2015) to 1,890 µg/L (2016). Further monitoring is required to evaluate whether this constitutes a long-term increasing trend. Please include this well in the discussion in these sections, including a possible explanation for the increased PCE concentration.	The concentration of PCE in 2017 in monitoring well 3872N was 310 ug/l. This concentration is more consistent with historical concentarations. The trend analysis for PCE in this well indicates the concentrations in the well are stable. The 2016 concentration appears anomalous. As we do with all monitoring wells that are located south of the BOU extractions wells, we will continue to watch the concentraton trends in 3872N as more data is collected.
8	Table 2 – Second Quarter 2016 Groundwater Elevation Data – It appears that the table should consist of the first three pages only; the last three pages should be deleted as they appear to repeat content from the first three pages, but have incomplete screened interval values for several wells.	The table was checked to confirm the error did not carry over into this years report.
9	Table 4 - Second Quarter 2016 Groundwater Well Maintenance Table	
9.1	The proposed maintenance items appear to capture most, but not all, of the primary maintenance related items noted in the field data sheets provided in Appendix B. For example, many of the wells were noted to have gasket seals that required replacement, which is included in Table 4. However, other problems such as missing bolts, missing locks, cracked surface pads, and standing water are not captured in Table 4. Please revise Table 4 to include all significant maintenance items.	The majority of the maintenanace items noted in 2016 field logs have been remedied and are documented in the 2017 report. In the 2017 report, the table (now Table 2) has been modified to include additional details based on the well inspection activities conducted in April 2017.
9.2	Table 4 should include a schedule to address the required repairs. Repairs should be completed in a timely manner. In addition, completed repairs can be documented in the "Prior Well Repairs" column to serve as an updated maintenance log.	Table 2 in the August 2017 report has been revised to include the prior repairs to serve as an updated maintenance log. The monitoring wells identified for repair in the 2017 report will be repaired prior to the April 2018 monitoring event.
9.3	Please identify the specific wells and approximate schedule for installation of dedicated low-flow sampling pumps in Table 4. The wells initially selected for low-flow pump installation were identified in the initial version of this table, as included in the LMC letter dated March 21, 2016 (Response to USEPA Comments - Annual Groundwater Monitoring Report Second Quarter 2015).	The installation of the new low-flow pumps is acknowledged in the 2017 report. Any new pump installations will be identifed and documented in future monitoring reports. New wells are being equiped with low flow pumps.
11	Appendix B – Field Data Sheets –The "final pump depth" should be populated for wells with dedicated pumps to meet the OSP requirement of groundwater sample collection depth. The depth can be included from known sources, such as Table 1 for low-flow pump intake depths, and/or confirmed in the field with a depth sounder. This is particularly important for wells sampled with portable low-flow pumps, such as SW-1 and SW-5, to verify that the pump is placed at the desirable depth.	The field data sheets included in the August 2017 report include the final pump intake depth of the newly installed low-flow pumps and the intake depth of any portable pumps used to collect the samples.

ANNUAL GROUNDWATER MONITORING REPORT
SECOND QUARTER 2017
BURBANK OPERABLE UNIT
BURBANK, CALIFORNIA

Prepared for:
Lockheed Martin Corporation
Corporate Energy, Environment, Safety & Health
Burbank, California

Prepared by:
Tetra Tech
3475 East Foothill Blvd
Pasadena, California 91107

August 2017



Thomas J. Villeneuve (PE 53735)
Project Manager

Robert Sabater
Deputy Project Manager

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Figure 32 Second Quarter 2017 Hydraulic Gradients in the B-Zone Hydrostratigraphic Unit

ACRONYMS

bgs	below ground surface
B HSU	B-zone hydrostratigraphic unit
BOU	Burbank Operable Unit
btoc	below top of casing
Caltrans	California Department of Transportation
COV	coefficient of variation (Mann-Kendall analysis)
DO	dissolved oxygen
DQO	data quality objective
DWNL	California Department of Public Health drinking water notification level
EC	electrical conductivity
gpm	gallons per minute
HSU	hydrostratigraphic unit
LARWQCB	California Regional Water Quality Control Board, Los Angeles Region
LCS	laboratory control sample
LCSD	laboratory control sample duplicate
Lockheed Martin	Lockheed Martin Corporation
MAROS	Monitoring and Remediation Optimization System
MCL	California Department of Public Health maximum contaminant level
MS	matrix spike
MSD	matrix spike duplicate

MSL	mean sea level
MTA	Metropolitan Transportation Agency
µg/kg	micrograms per kilogram
µg/L	micrograms per liter
µg/L/yr	micrograms per liter per year
mg/kg	milligrams per kilogram
NA	not applicable
ND	non-detect
ORP	oxidation-reduction potential
OSP	Revised Operational Sampling Plan
PCE	tetrachloroethene
%/yr	percent per year
PVC	polyvinyl chloride
QA	quality assurance
QC	quality control
RPD	relative percent difference
S	Mann-Kendall statistic
TCE	trichloroethene
TD	total depth
TIN	triangulated irregular network
1,2,3-TCP	1,2,3-trichloropropane
USEPA	United States Environmental Protection Agency
VOCs	volatile organic compounds
WT	water table
WT HSUs	water table hydrostratigraphic units

EXECUTIVE SUMMARY

The Burbank Operable Unit (BOU) is part of the North Hollywood National Priorities List site in the San Fernando Valley. Lockheed Martin monitors groundwater within the BOU to comply with the provisions of the United States Environmental Protection Agency (USEPA) Consent Decree (Docket No. 91-4527-MRP [Tx]) filed on March 25, 1992, and California Regional Water Quality Control Board, Los Angeles Region (LARWQCB) Cleanup and Abatement Order No. 87-161, dated December 17, 1987.

The Second Quarter 2017 BOU groundwater monitoring event was implemented in accordance with the 2017 Revised OSP; (Tetra Tech, 2017b). The intent of the program is to provide the data necessary to evaluate groundwater conditions at the BOU, including the near-field and far-field effects of the extraction well field pump and treat system.

Groundwater Monitoring Well Maintenance

In preparation for the second quarter 2017 groundwater monitoring event, several monitoring well maintenance activities were completed in March and April, 2017:

- The dedicated high-volume pumps and associated piping were removed from 52 monitoring wells and replaced with dedicated low-flow pumps.
- A total of 9 groundwater monitoring wells were redeveloped or cleaned out. This includes A-1-CW07, B-5-CW03, B-6-CW16, C-1-CW05, C-1-CW06, 3852L, 3852M, and 4949C.
- Well maintenance activities were completed at 70 of the BOU monitoring wells. This included replacement of well lid gaskets, adding or replacing well tags, re-tapping the existing bolt holes, and replacing the standard six-point bolts with five-point bolts.
- Five new groundwater monitoring wells (B-1-CW30 through B-1-CW34) were constructed in October and November 2016 within the former Plant B-1 facility, as described in the Supplemental Site Investigation Report, Former Lockheed Martin Plant B-1, Burbank, California (Tetra Tech, 2017a).
- Three observation wells (OW-VO1R, OW-VO2R, and OW-VO3R) were installed to replace existing wells, one new observation well (OW-VO8) was installed, and one observation well (OW-VO6) was repaired within the BOU between February and April 2017, in accordance

with Work Plan – Well Installation and Replacement, Burbank Operable Unit, Burbank, California (Tetra Tech, 2016d).

Groundwater Elevations and Gradients

During the second quarter 2017 groundwater monitoring event, groundwater levels were measured in 98 monitoring wells. Based on those measurements, the local shallow groundwater flow direction was predominantly southeasterly in the northwest portion of the BOU and southerly in the northeast portion of the BOU, and it converged in a flow direction toward the cones of depression created by the operation of the BOU extraction wells. The second quarter 2017 groundwater elevation data indicate that the dominant direction of shallow groundwater flow immediately south of the BOU extraction wells was reversed from its natural southeasterly flow direction, to a northerly flow direction in response to the extraction well pumping (northeasterly flow direction in the western portion of the BOU). These groundwater trends extend to Victory Boulevard in the western portion of the BOU, West Allan and Wyoming Avenue in the central-western portion of the BOU, and to Chandler Boulevard in the eastern portion of the BOU. Beyond these boundaries the groundwater flow direction shows influence from pumping, but ultimately reverts to its natural southeasterly direction.

The local groundwater flow direction in the B HSU during the second quarter 2017 groundwater monitoring event was generally the same as the local groundwater flow direction observed in the WT HSUs with a couple exceptions. The groundwater flow does not converge on BOU extraction wells VO1 through VO7 as it does in the WT HSUs but you do see a groundwater depression centered on BOU extraction well VO8.

Groundwater-elevation data for selected monitoring wells were used to evaluate horizontal hydraulic gradients (direction and magnitude) within the BOU using a TIN. This horizontal hydraulic gradient analysis was completed using data collected in the April 2017 gauging event and a TIN defined by monitoring wells distributed in the WT HSU. The TIN map prepared for the WT HSUs shows that the hydraulic gradient in the area immediately to the south of the groundwater extraction well system is directly influenced by pumping, showing very steep gradients and in some instances a reversal from the regional trend and indicating very strong hydraulic capture. Farther to the south the direction of groundwater flow appears to be affected by extraction, but the hydraulic

gradient is not as steep. The degree of hydraulic capture dissipates and may be absent completely south of most of the BOU southern boundary.

Water Quality Results

Sixty-five groundwater monitoring wells were sampled during the Second Quarter 2017 monitoring event, 42 completed in the WT HSU and 23 completed in the B HSU. The samples collected were tested for VOCs, 1,2,3-TCP, 1,4-dioxane, total chromium, and hexavalent chromium. Twenty-one organic and two inorganic analytes were detected. Isoconcentration maps were prepared for six primary chemicals of concern: PCE, TCE, 1,2,3-TCP, 1,4-dioxane, total chromium, and hexavalent chromium. Results for the primary chemicals of concern were as follows:

- PCE was detected in 59 of the primary (non-duplicate) samples, 37 of which exceeded the MCL (5 µg/L). Concentrations in the WT HSUs ranged from <0.20 µg/L to 630 µg/L (monitoring well B-1-CW33). Concentrations exceeding the MCL extended over much of the BOU with the highest concentrations detected at the northwest corner of the former Plant B-1 and trending southeast beneath former Plant B-1 and extending to Magnolia Boulevard. Concentrations in the B HSU ranged from <0.20 µg/L to 48 µg/L (monitoring well 3850R). Concentrations exceeding the MCL were not as widely distributed as in the shallower HSUs, with the highest concentrations detected adjacent to the extraction wells on Vanowen Street.
- TCE was detected in 53 of the samples, 35 of which exceeded the MCL. The detected concentrations ranged from 0.29 µg/L (monitoring well C-1-CW05) to 240 µg/L (monitoring wells 3872L and B-1-CW13). Concentrations exceeding the MCL extended over much of the BOU with the highest concentrations detected downgradient of former Building 85 and extending to Magnolia Boulevard. Concentrations in the B HSU ranged from <0.29 µg/L to 32 µg/L (monitoring well 3862E). Concentrations exceeding the MCL were not as widely distributed as in the shallower HSUs, with the highest concentrations detected south of the BOU. Additionally, elevated concentrations were detected in the southern portion of the former Plant B-6 area and continuing southeast beneath former Building 85 and extending to Vanowen Street.
- 1,2,3-TCP was detected in 31 of the samples, 30 of which exceeded the DWNL (0.005 µg/L). Concentrations in the WT HSUs ranged from <0.0025 µg/L to 87 µg/L (monitoring well A-1-CW08). Concentrations exceeding the DWNL extended over much of the BOU with the highest concentrations detected down gradient of the former Plant B-6 area, north of former Building 85, and along Vanowen Street. Concentrations in the B HSU ranged from <0.0025 µg/L to 0.29 µg/L (monitoring well 3852H). Concentrations exceeding the DWNL were not as widely distributed as in the WT HSUs, with the highest concentrations detected near Burbank Boulevard.
- 1,4-Dioxane was detected in 11 of the samples, 11 of which exceeded the DWNL (1.0 µg/L). Concentrations in the WT HSUs ranged from <0.28 µg/L to 3.7 µg/L (monitoring well A-1-CW09). Concentrations exceeding the DWNL are spare, but spread out through the BOU

specifically at former Plants A-1-S, B-1, and C-1 as well as downgradient of Former Building 371. Concentrations in the B HSU ranged from <0.28 µg/L to 2.3 µg/L (monitoring well A-1-CW05). Similar to the WT HSUs, concentrations exceeding the DWNL extended around the former Plant B-6 and A-1 areas of the BOU, with the highest concentrations detected at the former Plant A-1-S.

- Total chromium was detected in 65 of the samples, 2 of which exceeded the MCL (50 µg/L). Concentrations in the WT HSUs ranged from 1.05 J (A-1-CW03R) to 82.9 µg/L (monitoring well C-1-CW07). One sample from the eastern portion of the BOU near the former Weber Aircraft facility and one sample near former Plant C-1 had concentrations detected exceeding the MCL. Concentrations in the B HSU ranged from 0.600 µg/L (monitoring well C-1-CW02 to 7.85 µg/L (3872S). No concentrations were detected that exceeded the MCL.
- Hexavalent Chromium was detected in 58 samples, 5 of which exceeded the MCL (10 µg/L). Concentrations in the WT HSUs range from 0.010 µg/L µg/L (monitoring well A-1-CW03R) to 20 µg/L (monitoring well B-1-CW17). Four of the 5 samples that exceeded the MCL are located in the central to southern portions of former Plant B-1. The other sample that exceeded the MCL is located immediately outside of the northeastern boundary of the BOU. Concentrations in the B HSU ranged from 0.021 µg/L (monitoring well 3850R) to 7.9 µg/L (monitoring well 3872S). No concentrations were detected above the MCL.

Statistical Trend Analyses

Statistical trend analyses were conducted using chemical data from the 65 monitoring wells sampled during the second quarter 2017 BOU groundwater monitoring event. The analysis was performed for the six primary chemicals of concern: PCE, TCE, 1,2,3-TCP, 1,4-dioxane, total chromium, and hexavalent chromium. Therefore, a total of 390 trends were tested. The MAROS, developed by the Air Force Center for Environmental Excellence (Air Force Center for Environmental Excellence, 2006), was used for the analyses. The MAROS is a statistical database application developed to assist with groundwater quality data trend analysis and long-term monitoring optimization at contaminated groundwater sites. BOU data from first quarter 1996 to second quarter 2017 were analyzed.

Statistical analysis indicated that for various reasons (insufficient data, no statistical trend, or no detections), a significant trend could not be determined for 43% of the datasets that were tested, particularly for 1,2,3-TCP, 1,4-dioxane, total chromium, and hexavalent chromium. Statistical analysis also indicated that 29% of the datasets had decreasing or probably decreasing concentration trends, 17% were stable, and 11% had increasing concentration trends. The trend analysis showed that those trends that were significant were generally small. Over half of the decreasing concentrations trends were for TCE and PCE concentrations, scattered throughout the BOU; about

half of the stable trends were for total chromium and hexavalent chromium concentrations; and 1,2,3-TCP and 1,4-dioxane concentrations upgradient of the BOU extraction wells in the former Plant B-6 area are generally increasing. With the exception of the increasing 1,2,3-TCP trend in monitoring wells 3852M and 3872L, all monitoring wells with increasing trends for one or more of the compounds of concern are upgradient of the BOU extraction wells or within the area captured by the extraction wells. The magnitude of the changes in concentration of 1,2,3-TCP in monitoring wells 3852M and 3872L are small (0.016 µg/L/yr and 0.006 µg/L/yr, respectively).

Capture Zone Evaluation

Several lines of evidence were examined to evaluate the extent of capture resulting from the BOU extraction system and assess the effectiveness of the system in hydraulically containing the various chemical of concern plumes within the BOU. The results of the evaluation were as follows:

- The operational data from the extraction system indicated that groundwater is being extracted and that VOC mass is still being removed from the aquifer.
- Vertical hydraulic gradients indicated that pumping from the WT HSUs is inducing or increasing upward vertical gradients between the B HSU and the WT HSUs.
- The WT-HSU potentiometric map developed from the groundwater level measurements supports that the BOU extraction wells capture groundwater across most of the BOU north of Vanowen Street and south of the extraction wells toward Chandler Boulevard and Wyoming and West Allan Avenue.
- The TIN was developed from the same data as the potentiometric maps. The TIN for the WT HSUs supports that capture from the BOU extraction wells extends south to approximately Wyoming and West Allan Avenue in the central-western portion of the BOU and Chandler in the eastern portion of the BOU.
- The trend analysis for the eight downgradient performance monitoring wells yielded the following results: insufficient data (none), decreasing (16 results), increasing (2 results), no trend (14 results), probably decreasing (3 results), probably increasing (none), stable (8 results), and ND (5 results). The two increasing trends (1,2,3-TCP in monitoring wells 3852M and 3872L) had a limited data set (at least five analyses from each well from 2007 to 2017) and the magnitude of the change was small.

The lines of evidence suggest that the BOU extraction system exerts hydraulic control on the plumes originating from the BOU and it extends to Wyoming and West Allan Avenue in the central-western portion of the BOU and Chandler Boulevard in the eastern portion of the BOU, and the extraction system inhibits the migration of site-related chemicals of concern.

Burbank Operable Unit Extraction System Performance

Based on the data from the BOU monthly operation reports for the current reporting period (May 2016 through April 2017), an estimated 3,129,230,274 gallons of groundwater was extracted (average extraction rate of 5,937 gallons per minute) and approximately 3,697 pounds of volatile organic compounds (VOCs) were treated by the Burbank Operable Unit (BOU) treatment system. Multiple lines of evidence suggest that at current extraction rates the BOU extraction system exerts hydraulic control in the WT HSUs that extends to West Allan and Wyoming Avenue in the central-western portion of the BOU and Chandler Boulevard in the eastern portion of the BOU, and inhibits the migration of site-related chemicals of concern.

The upward hydraulic gradient (potentially pulling contaminant mass from the B HSU to the WT HSUs) exhibited in much of the southern portion of the BOU inhibits the migration of site-related chemicals of concern, where present, in the deeper HSU. The data also indicates that groundwater in the B HSU proximal to BOU extraction well VO8 is being captured by the pumping at this well.

While the BOU extraction system produces groundwater that is treated and deliver for consumption, water quality data from the treatment plant was not presented or reviewed as part of this report and therefore the second objective cannot be discussed as part of this report.

SECTION 1
INTRODUCTION

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech has prepared this report to present the results of the ongoing annual groundwater-quality monitoring for the Burbank Operable Unit (BOU) monitoring well field. The BOU is located in Burbank, California (Figure 1).

The BOU is part of the North Hollywood National Priorities List site in the San Fernando Valley. Lockheed Martin monitors groundwater within the BOU to comply with the provisions of the United States Environmental Protection Agency (USEPA) Consent Decree (Docket No. 91-4527-MRP [Tx]) filed on March 25, 1992, and California Regional Water Quality Control Board, Los Angeles Region (LARWQCB) Cleanup and Abatement Order No. 87-161, dated December 17, 1987.

The second quarter 2017 groundwater monitoring activities were conducted in accordance with the *Revised Operational Sampling Plan* (OSP; Tetra Tech, 2017b), which describe the objectives, decision process, analytical methods, and procedures for sampling the groundwater monitoring well network. The purposes of the BOU groundwater monitoring program are to monitor the chemical plume conditions and the performance of hydraulic capture by the ongoing groundwater treatment system. The site background and current conceptual site model for the BOU are presented in Appendix A.

1.1 HISTORICAL OVERVIEW

Groundwater monitoring was first initiated at the BOU in 1986. Since the late 1990s, the Groundwater Monitoring Plan has been implemented in accordance with the 1997 *Draft Phase 2 Operational Sampling Plan* (HSI Geotrans, 1997) and with modifications requested by the regulatory community. The Groundwater Monitoring Plan has evolved to incorporate additional requests by the USEPA and the LARWQCB. The following list presents the modifications made to the Groundwater Monitoring Plan.

- June 28, 2001 – USEPA Method 8260B for volatile organic compounds (VOCs), including Freon-113 and methyl-tert-butyl ether, replaced USEPA Methods 8010 and 8020 for halogenated volatile organic and purgeable aromatic compounds, respectively. LARWQCB directed analysis of hexavalent chromium by USEPA Method 218.6 (LARWQCB, 2001).

- March 28, 2002 – Analysis for 1,2,3-trichloropropane (1,2,3-TCP) was added to the Groundwater Monitoring Plan (LARWQCB, 2002a).

- November 18, 2002 – Monitoring wells B-6-CW01, B-6-CW02, B-6-CW03, B-6-CW03R, and B-6-CW16 were added to the Groundwater Monitoring Plan to be sampled for VOCs and heavy metals, and 1,2,3-TCP was to be included in the discussion and analysis of chemicals of concern in the groundwater monitoring reports (LARWQCB, 2002b).

- December 16, 2003 – A LARWQCB letter required Lockheed Martin to sample for emergent chemicals (perchlorate, n-nitrosodimethylamine, 1,4-dioxane) in addition to 1,2,3-TCP and hexavalent chromium as part of the BOU Groundwater Monitoring Plan, and to prepare a separate technical report summarizing the results (LARWQCB, 2003).

- September 2004 – The USEPA *Five-Year Review Report for Burbank Operable Unit, San Fernando Valley (Area 1) Superfund Site, Los Angeles County, California* required that Lockheed Martin continue to "monitor upgradient wells for emerging contaminants" and "evaluate the spatial distribution and concentration of emergent contaminants with respect to the BOU" (USEPA, 2004).

- December 8, 2004 – An LARWQCB letter to Lockheed Martin provided comments on the *Technical Report on Emergent Chemicals within the Burbank Operable Unit, Burbank, California* and reduced emergent chemical sampling to specific wells (LARWQCB, 2004).

- April 27, 2005 – A Lockheed Martin letter to USEPA, with a copy to LARWQCB, requested a change in BOU Groundwater Monitoring Plan sampling schedule - from first and third quarter to second and fourth quarter (Lockheed Martin, 2005).

- October 20, 2005 – A USEPA letter to General Electric requested sampling of eight monitoring wells at the former Pacific Airmotive Corporation site (USEPA, 2005). Due to a settlement agreement between Lockheed Martin and Pacific Airmotive Corporation (an indirect wholly owned subsidiary of General Electric), Lockheed Martin is responsible for monitoring and reporting for these wells. The Pacific Airmotive Corporation groundwater monitoring event is now conducted concurrently with the BOU Groundwater Monitoring Plan on a semiannual basis.

- February 10, 2006 – A USEPA letter to Lockheed Martin requested sampling of nine BOU monitoring wells in the vicinity of former Plants B-5 and C-1 (USEPA, 2006a).

- November 3, 2006 – A USEPA letter to Lockheed Martin concurred with proposed changes to sampling frequency for specific constituents (USEPA, 2006b; USEPA, 2007).

- October 22, 2010 – A USEPA letter to Lockheed Martin requested monitoring of 14 BOU wells as part of the North Hollywood Operable Unit Baseline Sampling Program (USEPA, 2010b).

- November 3, 2010 – A USEPA email to Lockheed Martin and General Electric approved their request to combine Pacific Airmotive Corporation and BOU semiannual reports (USEPA, 2010c).

- February 25, 2011 – A USEPA letter requested Lockheed Martin and other potentially responsible parties within the San Fernando Valley to change sampling schedules to April

and October in order to coincide with basin-wide remedial investigation sampling events (USEPA, 2011).

- April, 2013 – A comprehensive sampling event was performed at the BOU (Arcadis, 2013). The goal was to collect contemporaneous data for emerging compounds with detection limits for the BOU consistent with the larger San Fernando Valley Superfund site.
- March 26, 2014 – An OSP was prepared for the BOU and submitted to the USEPA (Arcadis, 2014).
- February 16, 2016 – A monitoring well replacement evaluation was prepared and submitted to the USEPA (Tetra Tech, 2016a). This document detailed the evaluation for the replacement of three monitoring wells that were destroyed in 2015 due to California Department of Transportation (Caltrans) and Metrolink construction activities.
- March 21, 2016 – A Sampling and Analysis Plan Addendum was prepared for the BOU to describe procedures for low-flow sampling and submitted to the USEPA (Tetra Tech, 2016c).
- March 31, 2017 – the OSP was updated and a revised document was submitted to the US EPA (Tetra Tech 2017).

1.2 CURRENT GROUNDWATER MONITORING PROGRAM OBJECTIVES

The 2017 OSP (Tetra Tech, 2017b) presents a groundwater monitoring program that provides the data necessary to evaluate groundwater conditions at the BOU, including the near-field and far-field effects of the BOU extraction well field. The four primary objectives of the long-term groundwater monitoring program are to accomplish the following:

- Verify containment of the 5 micrograms per liter (µg/L) tetrachloroethene (PCE) and 100 µg/L trichloroethene (TCE) plumes in groundwater
- Collect sufficient data to evaluate groundwater extraction system performance with respect to mass removal
- Characterize the nature and extent of emerging compounds
- Characterize the nature and extent of the primary chemicals of concern (PCE and TCE) to refine and update the conceptual site model

1.3 REPORT ORGANIZATION

This report is organized into the following sections:

- Section 1 – Introduction: This section presents the purpose of the BOU Groundwater Monitoring Plan and provides a brief description of the regulatory history at the BOU.

- Section 2 – Summary of Groundwater Monitoring: This section provides a description of groundwater monitoring, measurements, and quality assurance and quality control procedures.
- Section 3 – Groundwater Sampling Data Validation: This section summarizes compliance with the data quality objectives and requirements.
- Section 4 – Groundwater Monitoring Results: This section presents the analytical results of the groundwater monitoring activities.
- Section 5 – Statistical Trend Analyses: This section assesses statistical trends in site chemicals of concern over time.
- Section 6 – Capture Zone Evaluation: This section provides an evaluation of the groundwater treatment system's effectiveness in maintaining hydraulic capture.
- Section 7 – Summary and Conclusions: This section presents analyses and conclusions with recommendations, where appropriate, for additional or reduced future monitoring.
- Section 8 – References: This section provides a list of documents referenced in this report.

Tables and figures are presented at the conclusion of the report, and in the order in which they are introduced in the text. With one exception, the appendices are presented at the conclusion of the report, and in the order in which they are introduced in the text. The laboratory reports appear in Appendix G.

SECTION 2
SUMMARY OF GROUNDWATER MONITORING

This section summarizes the second quarter 2017 groundwater monitoring and quality assurance (QA) and quality control (QC) procedures conducted at the BOU. The results from this monitoring event are discussed in Section 4. The BOU monitoring well network is shown on Figure 2.

2.1 GROUNDWATER MONITORING WELL REPLACEMENT EVALUATION

In 2016, Lockheed Martin prepared a monitoring well replacement evaluation for the replacement of monitoring wells 3860H, 4959J, and 4959H. Nearby facility monitoring wells SW-1 and SW-5 were selected to replace former monitoring wells 4959H and 4959J, respectively, and these monitoring wells were sampled as part of the current groundwater monitoring event (Tetra Tech, 2016d). A new monitoring well (to be designated as 3860HR) will be installed in the vicinity of former monitoring well 3860H; this work is anticipated to take place in summer 2017.

2.2 INSTALLATION OF GROUNDWATER MONITORING WELLS AT FORMER PLANT B-1

Between October and November 2016, five new groundwater monitoring wells (B-1-CW30 through B-1-CW34) were constructed within the former Plant B-1 facility, as described in the *Supplemental Site Investigation Report, Former Lockheed Martin Plant B-1, Burbank, California* (Tetra Tech, 2017a). The locations of the groundwater monitoring wells are shown on Figure 2. As required by the LARWQCB, the groundwater monitoring wells will be monitored quarterly for one year for total chromium, hexavalent chromium, volatile organic compounds, and emerging contaminants. After one year, the wells will be included in the routine BOU groundwater monitoring program and the constituents to be tested for and the frequency of groundwater monitoring will be reevaluated. Because these wells were sampled concurrently with the annual BOU groundwater monitoring activities, the groundwater elevations and analytical data from these wells are included in this report.

2.3 INSTALLATION OF OBSERVATION WELLS OW-VO1R, OW-VO2R, OW-VO3R, AND OW-VO8 AND REPAIR OF OW-VO6

From February through early April 2017, three observation wells (OW-VO1R, OW-VO2R, and OW-VO3R) were installed to replace existing wells, one new observation well (OW-VO8) was installed, and one observation well (OW-VO6) was repaired within the BOU in accordance with *Work Plan – Well Installation and Replacement, Burbank Operable Unit, Burbank, California (Tetra Tech, 2016d)*. The location of these wells are presented on Figure 2.

- Observation wells OW-VO2R and OW-VO3R were installed and the packer within OW-VO6 was replaced because the vertical differences in hydraulic head between the water table aquifer and deeper units measured in these wells appear to be inconsistent with expected hydraulic conditions within the groundwater monitoring network.
- Observation well OW-VO1 was originally to be rehabilitated; however, because of the well condition a new well OW-V01R was installed and OW-VO1 was abandoned.
- A new observation well was installed adjacent to extraction VO-8. The purpose OW-VO8 was evaluate the influence of VO-8 within the water table and deeper zone.

A report presenting the details of the well installations, abandonments, and repairs will be submitted under separate cover and will include the installation of replacement well 3860H-R (Section 2.1).

2.4 SURVEY OF GROUNDWATER MONITORING WELLS

On May 25 and June 6, 2017, Lockheed Martin surveyed the new observation well locations as well as the six monitoring well locations (3872R, MW-04, MW-05, MW-06, SW-1, and SW-5) identified during the April 2016 sampling event as requiring resurveying. The survey data was used to calculate groundwater elevation data at these well and will be incorporated into the EPA's database.

2.5 MONITORING WELL MAINTENANCE ACTIVITIES

2.5.1 Low-Flow Pump Installation

In November 2016, *Revised Technical Memorandum – Low-Flow Pump Intake Selection, Burbank Operable Unit, Burbank California* (Tetra Tech, 2016e) was prepared to document the transition from a high-volume to low-volume groundwater sampling protocol in 52 monitoring wells that are a part of the BOU. These 52 monitoring wells are identified on Table 1.

In March 2017, the high-flow pumps were removed in all 52 monitoring wells. However, low-flow pumps were only installed in 48 of the 52 monitoring wells. No pumps were install in the remaining

four wells (B-1-CW29, B-5-CW03, B-6-CW17, and C-1-CW06) because these wells were dry at the time of installation. All high-flow pumps and the associated piping removed from the 52 wells were pressure washed and placed in bins for offsite disposal. Based on information provided by the Off-Site Rule (OSR) contact for USEPA Region IX, the pumps and piping will be taken to Clean Harbors in Buttonwillow, California, which is on the USEPA's approved list of disposal facilities for CERCLA waste.

2.5.2 Well Redevelopment

Prior to the installation of the dedicated low-flow pumps, the 52 monitoring wells shown on Table 1 were gauged to determine if debris had accumulated in the monitoring wells. Based on the gauging results (shown on Table 1), 9 of the 52 monitoring wells had accumulated debris that completely filled the sumps (most monitoring wells have 5-feet-long sumps underlying the screened intervals) and partially obstructed the screens. The development results are described below:

- A-1-CW07: The well construction details for the well notes a total depth (TD) of 229 feet bgs. The well was noted to be dry with an initial measured TD of 214.30 feet bgs. A magnet was used to clean out any metallic debris that may have accumulated at the bottom of the well. After pulling up approximately one third of a 5-gallon bucket of debris, TD was remeasured at 210.52 feet bgs. Based on the condition of the well casing, the well was likely collapsing. Further evaluation for a replacement for A-1-CW07 is recommended.
- B-5-CW03: The well was noted to be dry during the redevelopment activities with a measured TD of 228.93 feet bgs. Alternating the use of an overshot tool to stir up the debris at the bottom of the well and a magnet was used to pull up rust and metal fragments. Overall, less than 0.25 feet of metallic debris was pulled from the bottom of the well. Approximately 2 feet of debris remains in the well.
- B-6-CW16: The well was redeveloped by bailing, swabbing with a surge block, bailing again, and pumping until water quality parameters stabilized. All debris within the screened section of the well casing appears to have been removed. Approximately 6.5 feet of sediment was removed with 2.5 feet of debris remaining in the sump.
- C-1-CW03: The well was redeveloped by bailing, swabbing with a surge block, bailing again, and pumping until water quality parameters stabilized. All debris within the screened section of the well casing appears to have been removed. Approximately 3 feet of sediment was removed with less than 0.5 feet of debris remaining in the sump.
- C-1-CW05: The well was redeveloped by bailing, swabbing with a surge block, bailing again, and pumping until water quality parameters stabilized. All debris within the screened section of the well casing appears to have been removed. Approximately 1 foot of sediment was removed with 1 foot of debris remaining in the sump.

- C-1-CW06: The well was noted to be dry during the redevelopment activities with a measured TD of 247.80 feet bgs. Alternating the use of an overshot tool to stir up the debris at the bottom of the well and a magnet was used to pull up metallic debris. No metallic debris was recovered during the use of the magnet.
- 3852L: The well was redeveloped by bailing, swabbing with a surge block, bailing again, and pumping until water quality parameters stabilized. All debris within the screened section of the well casing appears to have been removed. Approximately 2 feet of sediment was removed.
- 3852M: The well was redeveloped by bailing, swabbing with a surge block, bailing again, and pumping until water quality parameters stabilized. All debris within the screened section of the well casing appears to have been removed. Approximately 1.5 feet of sediment was removed with 2.5 feet of debris remaining in the sump.
- 4949C: The well was redeveloped by bailing, swabbing with a surge block, bailing again, and pumping until water quality parameters stabilized. All debris within the screened section of the well casing appears to have been removed. Approximately 9 feet of sediment was removed.

2.5.3 Groundwater Monitoring Well Inspections and Maintenance

The conditions of the monitoring wells that were scheduled for water level gauging or groundwater sampling were assessed during the monitoring period. The field inspection forms are included in Appendix B.

The maintenance items previously identified in 2016 were also completed in 70 of the BOU monitoring wells during the reporting period. These items included replacement of well lid gaskets, adding or replacing well tags, re-tapping the existing bolt holes, and replacing the standard six-point bolts with five-point bolts.

All 105 of the wells included in the April monitoring event were inspected as part of the monitoring event. Field logs documenting the condition of each well and the recommended maintenance are included in Appendix B. A summary of the well inspections and maintenance conducted during this reporting period are provided in Table 2.

2.6 GROUNDWATER-LEVEL MEASUREMENTS.

Groundwater levels were measured in 105 BOU monitoring wells in April 2017. Groundwater-level measurements and calculated elevation data for the second quarter of 2017 are summarized in Table 3. The procedures utilized to measure water levels are described in the *Revised Operational*

Sampling Plan (OSP; Arcadis, 2014). The field data sheets compiled during the elevation measurements are included in Appendix B.

2.7 TRANSDUCER MEASUREMENTS

Transducers are installed in 23 monitoring wells selected to collect continuous water level data (at 15-minute increments) throughout the year. During monitoring well sounding activities, data recorded by data-logging pressure transducers at the selected groundwater monitoring wells were downloaded and analyzed for the purposes of evaluating the downgradient capture boundary. Transducer data were adjusted with barometric pressure measurements and confirmed with field measurements collected with a hand-held water level meter at the time data were downloaded. The transducer data are presented in Appendix C.

2.8 GROUNDWATER SAMPLING

2.8.1 Low-Flow Sampling

A total of 74 monitoring wells were identified for sampling during the second quarter 2017 groundwater monitoring event using a low-flow sampling methodology in accordance with the procedures specified in the revised OSP (Tetra Tech, 2017b),. This includes five new groundwater monitoring wells installed in October and November 2016 at the former Plant B-1 under the direction of the LARWQCB. These wells were sampled concurrently with the OSP monitoring wells.

Groundwater samples were successfully collected from 65 monitoring wells during the second quarter 2017 groundwater monitoring event with 42 completed in the WT HSU and 23 completed in the B HSU. The remaining nine wells (3850M, 3860J, 4949C, A-1-CW07, B-1-CW29, B-5-CW03, B-6-CW17, C-1-CW06, and MW-01) were not sampled because the wells were either dry or did not have enough water for the pumps to draw a sampling. The list of monitoring wells sampled and the analytical program are presented in Table 4. Field purge logs are presented in Appendix B.

2.8.2 Quality Assurance and Quality Control

In accordance with the OSP's QA/QC guidance, duplicate samples, trip blanks, and equipment blanks were collected for each applicable analytical method to assess reproducibility and whether cross-contamination of the environmental samples occurred during sampling and handling or while

in transit. Duplicate samples were collected at a frequency of 10% to assess sampling and analytical precision. Trip blanks for VOC and 1,2,3-TCP analyses were provided by the laboratory and placed inside each cooler containing groundwater samples to be analyzed for VOCs and/or 1,2,3-TCP.

Because dedicated low-flow pumps were used, no equipment blanks were collected as part of the second quarter 2017 sampling activities. The data validation findings are discussed in Section 3.

2.9 DEVIATIONS FROM THE REVISED OPERATIONAL SAMPLING PLAN

There were some deviations from the OSP and SAP Addendum, as follows:

- Monitoring well 3850S was not gauged because the monitoring well vault was unable to be opened. The monitoring well has been added to the maintenance list and the well vault will be serviced or removed prior to the next sampling event.
- Monitoring wells A-1-CW07, B-1-CW29, B-5-CW03, B-6-CW17, C-1-CW06 and MW-01 were dry during the monitoring event. Therefore, the monitoring wells were not sampled.
- Monitoring well 3850M, 3860J, and 4949C had insufficient water to sample.

SECTION 3
GROUNDWATER SAMPLING DATA VALIDATION

The objective of data validation is to identify any questionable or invalid laboratory measurements. Data validation entails a review of the QC data and the raw data or summary data to verify that the laboratory was operating within required limits and that the analytical results were correctly transcribed from the instrument readouts. In addition, data validation indicates which, if any, environmental samples were related to out-of-control QC samples.

The data were validated using the most recent versions of the USEPA's National Functional Guidelines for data validation available at the time of project initiation, where appropriate (USEPA, 2016b and 2016c). These procedures and criteria may be modified, as necessary, to address project-specific and method-specific criteria, control limits, and procedures. Data validation consists of data screening, checking, reviewing, editing, and interpretation to document analytical data quality and to determine whether the quality is sufficient to meet the data quality objectives (DQOs).

The data validator verifies that reduction of laboratory measurements and laboratory reporting of analytical parameters is in accordance with the procedures specified for each analytical method and/or as specified in the OSP. Any deviations from the analytical method or any special reporting requirements apart from those specified in the OSP are documented.

In order to assess the suitability of analytical results to support groundwater monitoring decisions, the BOU groundwater monitoring program QC manager undertook the following procedures:

- Checked extraction and analysis holding time
- Reviewed laboratory reports and chain-of-custody documentation for errors and omissions
- Checked laboratory reports for correct reporting limits and units
- Checked surrogate, laboratory control sample (LCS), laboratory control sample duplicate (LCSD), and matrix spike (MS), and matrix spike duplicate (MSD) results
- Assessed blank results and noted any detected analytes, their respective concentrations, and any impact to associated samples
- Assessed sample internal standard responses and surrogate recoveries

- Reviewed instrument calibrations
- Compared laboratory and field duplicate sample results and noted any significant variations

Specific QA indicators were evaluated to assess the overall usability of the data. These indicators included accuracy, precision, representativeness, comparability, and completeness. The parameters are described below.

- Accuracy is established by reviewing spiked sample analysis. The LCS measures the accuracy of the instrument, and the LCS results for this dataset were all found to be within control limits. Therefore, the accuracy for the sampling event was satisfactory.
- Precision is established by calculating the relative percent difference (RPD) values for MS/MSD pairs and field duplicates. The RPD values calculated for the sampling event show that greater than 95% of the RPDs calculated were within control limits. Therefore, the precision for the sampling event was satisfactory.
- Representativeness is established by using standard field sampling techniques. Because the field sampling was conducted in accordance with the OSP and by following established standard operating procedures, the sampling is judged to have adequate representativeness. Therefore, the representativeness for the sampling event was satisfactory.
- Comparability of the data is preserved if the analytical analyses are conducted under approved and vetted USEPA analytical methods. Because the USEPA methods are constructed with comparability built into the methods, by using approved analytical methods for the BOU project, the BOU data are comparable. Therefore, the comparability for the sampling event was satisfactory.
- Completeness is measured by determining the amount of valid data produced by the laboratory as compared to the total possible data from the chain. This dataset had no rejected data, and all samples were analyzed as per the chains. The data completeness is 100%, which exceeds the 90% criterion. Therefore, the completeness for the sampling event was satisfactory.

Based upon the data review, the data are considered usable as qualified. A QA/QC summary is presented in Appendix D. Data validation summary tables are included in Appendix D as well. All testing was provided by the Eurofins Calscience, a California Department of Public Health-accredited environmental laboratory. The laboratory analytical data packages, which include all environmental, field QC, and laboratory QC results, are provided in Appendix G.

SECTION 4
GROUNDWATER MONITORING RESULTS

This section provides the results and interpretations of the groundwater monitoring event.

4.1 GROUNDWATER ELEVATIONS

Groundwater elevations for the second quarter 2017 monitoring event are presented in Table 3. Potentiometric maps based on the groundwater elevation data are shown on Figures 3 and 4 for the WT HSUs and B HSU, respectively. The potentiometric surface maps were generated using an historic understanding of groundwater flow and data from current extraction system operations.

Extraction Well	Date Observation Well was Measured	Daily Total Pumped (gallons)					
		16-Apr-17	17-Apr-17	18-Apr-17	19-Apr-17	20-Apr-17	21-Apr-17
VO1	4/19/2017	0	0	0	0	0	0
VO2	4/19/2017	1,725,798	1,717,897	1,661,598	1,729,045	1,729,484	1,728,935
VO3	4/19/2017	0	0	0	0	0	0
VO4	4/20/2017	1,124,398	1,117,581	1,075,935	1,132,763	1,135,808	1,134,567
VO5	4/20/2017	1,674,028	1,681,589	1,675,570	1,713,193	1,714,287	1,712,318
VO6	4/20/2017	0	0	0	0	0	0
VO7	4/20/2017	1,678,693	1,670,613	871,700	0	0	0
VO8	4/19/2017	0	0	832,967	1,763,441	1,737,906	1,725,718

4.1.1 Water Table Hydrostratigraphic Units

The local groundwater flow direction during the second quarter 2017 groundwater monitoring event was predominantly southeasterly in the northwest portion of the BOU and southerly in the northeast portion of the BOU, and it converged in a flow direction toward the cones of depression created by the operation of the BOU extraction wells. The second quarter 2017 groundwater elevation data indicate that the dominant direction of groundwater flow immediately south of the BOU extraction wells was reversed from its natural southeasterly flow direction, to a northerly flow direction in response to the extraction well pumping (northeasterly flow direction in the western portion of the

BOU). These groundwater trends extend to Victory Boulevard in the western portion of the BOU, West Allan and Wyoming Avenue in the central-western portion of the BOU, and to at least Chandler Boulevard in the eastern portion of the BOU. Beyond these boundaries the groundwater flow direction shows influence from pumping, but ultimately reverts to its natural southeasterly direction.

Groundwater extraction appeared to be the dominant influence on groundwater flow within the monitoring well network. Groundwater extraction created a northwest-aligned trough with respect to the water table surface, creating a series of coalescing cones of depression surrounding the BOU extraction wells, as shown on Figure 3.

4.1.2 B-Zone Hydrostratigraphic Unit

The local groundwater flow direction in the B HSU during the second quarter 2017 groundwater monitoring event, as shown on Figure 4, was generally the same as the local groundwater flow direction observed in the WT HSUs. The greater drawdown observed at extraction well V08 in the second quarter 2017 compared with the second quarter 2016 is due to the inclusion of data from new observation well OW-V08B.

4.1.3 Groundwater-Level Trends

Groundwater elevation trends were evaluated by examining annual precipitation data, cumulative pumping data from the BOU extraction system, and hydrographs for the monitoring wells included in the monitoring program. Hydrographs showing piezometric surface elevations over time were used to evaluate long-term trends in groundwater elevations (Appendix C). The hydrographs are generally dominated by a few long-term trends, as described below.

- The groundwater elevation within the BOU generally declined from 1988 to late 1992.
- The trend reversed in 1992, and groundwater elevations generally rose through early 1996 (with a minor dip in 1995).
- From early 1996 (the beginning of groundwater extraction at the BOU) through 2004, groundwater elevation generally decreased.
- From 2004 through early 2007, groundwater elevation rose.
- From early 2006 through 2010, groundwater elevation stabilized (on average).
- Groundwater elevation rose from late 2010 to the second quarter of 2013.

- Groundwater elevation declined from the second quarter of 2013 to the second quarter of 2017.

Figure 5 shows hydrographs from three clustered sets of monitoring wells and annual precipitation on the same graph. The three monitoring well clusters are from north of the extraction system in the Plant B-6 area, from near the extraction system in the Plant B-1 area, and from south of the extraction system. Each paired set of monitoring wells includes a monitoring well completed in one of the WT HSUs and one completed in the B HSU. The precipitation data are from the Valley Pumping Plant and/or the Bob Hope Airport in Burbank (Weather Warehouse, 2011; Weather Underground, 2017). Although the data are limited, prior to the startup of the BOU extraction system in 1996 there appears to be some correlation between precipitation and general water-level elevation. However, the dominant factor driving groundwater elevation changes is likely groundwater extraction in the basin and at nearby extraction wells, rather than a direct relationship to precipitation. This can be observed in the steepening hydraulic gradient between the upgradient Plant B-6 cluster and the Plant B-1 cluster after pumping began. While there are slight differences between how the monitoring well clusters from the different areas of the BOU respond over time, they generally track together. A review of the hydrographs also reveal an increase in the upward vertical gradient between all three paired monitoring wells after the BOU extraction system was started up, particularly in the B-1 pair that are nearest to the extraction system.

4.2 ANALYTICAL DATA SUMMARY

Sixty-five groundwater monitoring wells were sampled during the second quarter 2017 monitoring event. The samples collected were tested for VOCs, 1,2,3-TCP, 1,4-dioxane, total chromium, and hexavalent chromium. Twenty-one organic and two inorganic analytes were detected. A summary by monitoring well of the validated laboratory analytical results for the analytes detected during the water quality monitoring event is presented in Table 5. Only results for analytes that were detected at concentrations above their respective method detection limits are shown in Table 5. Analytical results that were above a regulatory threshold (i.e., California Department of Public Health maximum contaminant level [MCL] or California Department of Public Health drinking water notification level [DWNL]) are shown in bold type and the cell is highlighted in Table 5. A further summary of the analytes detected, associated regulatory thresholds, number of exceedances, and the range of concentrations detected is presented in Table 6.

Figures 6 through 17 show isocontours of PCE, TCE, 1,2,3-TCP, 1,4-dioxane, total chromium, and hexavalent chromium in the WT HSUs and the B HSU based on the analytical results from the 2017 sampling event. These compounds were selected for contouring because they are considered either primary or emerging chemicals of concern. Initial contours for the groundwater concentration data were generated with C Tech's Earth Volumetric Studio software using a kriging algorithm. These contours were then adjusted by hand based on professional judgment.

4.2.1 Tetrachloroethene

PCE has an MCL of 5 µg/L. It was detected in 59 of the primary (non-duplicate) samples, 37 of which exceeded the MCL. The detected concentrations ranged from 0.20 µg/L (monitoring well B-6-CW05) to 630 µg/L (monitoring well B-1-CW33).

Concentrations in the WT HSUs ranged from <0.20 µg/L to 630 µg/L (monitoring well B-1-CW33). Concentrations exceeding the MCL extended over much of the BOU with the highest concentrations detected at the northwest corner of the former Plant B-1 and trending southeast beneath former Plant B-1 and extending to Magnolia Boulevard (Figure 6).

Concentrations in the B HSU ranged from <0.20 µg/L to 48 µg/L (monitoring well 3850R). Concentrations exceeding the MCL were not as widely distributed as in the shallower HSUs, with the highest concentrations detected adjacent to the extraction wells on Vanowen Street (Figure 7).

4.2.2 Trichloroethene

TCE has an MCL of 5 µg/L. It was detected in 53 of the samples, 35 of which exceeded the MCL. The detected concentrations ranged from 0.29 µg/L (monitoring well C-1-CW05) to 240 µg/L (monitoring wells 3872L and B-1-CW13).

Concentrations in the WT HSUs ranged from <0.29 µg/L to 240 µg/L (monitoring wells 3872L and B-1-CW13). Concentrations exceeding the MCL extended over much of the BOU with the highest concentrations detected downgradient of former Building 85 and extending to Magnolia Boulevard (Figure 8).

Concentrations in the B HSU ranged from <0.29 µg/L to 32 µg/L (monitoring well 3862E). Concentrations exceeding the MCL were not as widely distributed as in the shallower HSUs, with the highest concentrations detected south of the BOU. Additionally, elevated concentrations were

detected in the southern portion of the former Plant B-6 area and continuing southeast beneath former Building 85 and extending to Vanowen Street (Figure 9).

4.2.3 1,2,3-Trichloropropane

The analyte 1,2,3-TCP has a DWNL of 0.005 µg/L. It was detected in 31 of the samples, 30 of which exceeded the DWNL. The detected concentrations ranged from 0.0045 µg/L (monitoring well 3861F) to 87 µg/L (monitoring well A-1-CW08).

Concentrations in the WT HSUs ranged from <0.0025 µg/L to 87 µg/L (monitoring well A-1-CW08). Concentrations exceeding the DWNL extended over much of the BOU with the highest concentrations detected down gradient of the former Plant B-6 area, north of former Building 85, and along Vanowen Street (Figure 10).

Concentrations in the B HSU ranged from <0.0025 µg/L to 0.29 µg/L (monitoring well 3852H). Concentrations exceeding the DWNL were not as widely distributed as in the WT HSUs, with the highest concentrations detected near Burbank Boulevard (Figure 11).

4.2.4 1,4-Dioxane

The analyte 1,4-dioxane has a DWNL of 1.0 µg/L. It was detected in 11 of the samples, 11 of which exceeded the DWNL. The detected concentrations ranged from 1.0 µg/L (monitoring well B-1-CW11) to 3.7 µg/L (monitoring well A-1-CW09).

Concentrations in the WT HSUs ranged from <0.28 µg/L to 3.7 µg/L (monitoring well A-1-CW09). Concentrations exceeding the DWNL are limited but spread out through the BOU specifically at former Plants A-1-S, B-1, and C-1 as well as downgradient of Former Building 371(Figure 12).

Concentrations in the B HSU ranged from <0.28 µg/L to 2.3 µg/L (monitoring well A-1-CW05). Similar to the WT HSUs, concentrations exceeding the DWNL extended around the former Plant B-6 and A-1 areas of the BOU, with the highest concentrations detected at the former Plant A-1-S (Figure 13).

4.2.5 Total Chromium

Total chromium has an MCL of 50 µg/L. It was detected in 65 of the samples, 2 of which exceeded the MCL. The detected concentrations ranged from 0.600 µg/L (monitoring well C-1-CW02) to 82.9 µg/L (monitoring well C-1-CW07).

Concentrations in the WT HSUs ranged from 1.05 J (A-1-CW03R) to 82.9 µg/L (monitoring well C-1-CW07). One sample from the eastern portion of the BOU near the former Weber Aircraft facility and one sample near former Plant C-1 had concentrations detected exceeding the MCL (Figure 14).

Concentrations in the B HSU ranged from 0.600 µg/L (monitoring well C-1-CW02 to 7.85 µg/L (3872S). No concentrations were detected that exceeded the MCL (Figure 15).

4.2.6 Hexavalent Chromium

Hexavalent chromium has an MCL of 10 µg/L. It was detected in 58 samples, 5 of which exceeded the MCL. The detected concentrations ranged from 0.010 µg/L µg/L (monitoring well A-1-CW03R) to 20 µg/L (monitoring well B-1-CW17).

Concentrations in the WT HSUs range from 0.010 µg/L µg/L (monitoring well A-1-CW03R) to 20 µg/L (monitoring well B-1-CW17). Four of the 5 samples that exceeded the MCL are located in the central to southern portions of former Plant B-1. The other sample that exceeded the MCL is located immediately outside of the northeastern boundary of the BOU (Figure 16).

Concentrations in the B HSU ranged from 0.021 µg/L (monitoring well 3850R) to 7.9 µg/L (monitoring well 3872S). No concentrations were detected above the MCL (Figure 17).

SECTION 5
STATISTICAL TREND ANALYSES

Statistical trend analyses were conducted using chemical data from the 65 monitoring wells sampled as part of the 2017 BOU groundwater monitoring program. The analysis was performed for the six primary chemicals of concern: PCE, TCE, 1,2,3-TCP, 1,4-dioxane, total chromium, and hexavalent chromium. Therefore, a total of 390 trends were tested. The Monitoring and Remediation Optimization System (MAROS), developed by the Air Force Center for Environmental Excellence (Air Force Center for Environmental Excellence, 2006), was used for the analyses. MAROS is a statistical database application developed to assist with groundwater quality data trend analysis and long-term monitoring optimization at contaminated groundwater sites. BOU data from first quarter 1996 (i.e., full-scale implementation of the groundwater extraction system) to second quarter 2017 were analyzed. A summary of the statistical-trend analyses is provided in Appendix E.

5.1 STATISTICAL ANALYSIS METHODS

The software performs parametric and nonparametric trend analyses to evaluate temporal and spatial contaminant trends using Mann-Kendall and linear regression methods. Brief descriptions of the methods follow.

5.1.1 Mann-Kendall Analysis

This statistical procedure was used to evaluate the data for trends. It is a nonparametric statistical procedure that is well suited for analyzing trends in data over time. The Mann-Kendall test for trend is suitable for analyzing data that follow a normal or non-normal distribution pattern. The Mann-Kendall test has no distributional assumptions and allows for irregularly spaced measurement periods or missing data. The advantage with this approach involves the cases where outliers in the data would produce biased estimates of the least squares estimated slope.

5.1.2 Linear Regression Analysis

This parametric statistical procedure was used to calculate the magnitude of the trends. A parametric statistical procedure is typically used for analyzing trends in data over time and requires a normal statistical distribution of the data.

5.2 STATISTICAL TREND CATEGORIES

There are seven statistical concentration trend types derived from Mann-Kendall analysis: 1) decreasing, 2) increasing, 3) no trend (displaying two sets of conditions), 4) probably decreasing, 5) probably increasing, 6) stable, and 7) non-detect (ND; all sample results are below the detection limit). If a location has fewer than four quarters of data, then the Mann-Kendall analysis cannot be run and not applicable (NA) would be applied to the results. These statistical concentration trend types are determined by the following conditions:

Mann-Kendall Statistic (S)	Confidence in Trend	Concentration Trend
S > 0	> 95%	Increasing
S > 0	90 - 95%	Probably Increasing
S > 0	< 90%	No Trend
S ≤ 0	< 90% and COV ≥ 1	No Trend
S ≤ 0	< 90% and COV < 1	Stable
S < 0	90 - 95%	Probably Decreasing
S < 0	> 95%	Decreasing
ND	-	Non-detect
NA	-	Not applicable

Notes: > - Greater than
< - Less than
≤ - Less than or equal to
COV - Coefficient of Variation
S - Mann-Kendall statistic
ND - All results non-detect
NA - Not applicable, less than four quarters of data

The Mann-Kendall statistic (S) measures the trend in the data. Positive values indicate an increase in constituent concentrations over time, whereas negative values indicate a decrease in constituent concentrations over time. The strength of the trend is proportional to the magnitude of the Mann-Kendall Statistic (i.e., large magnitudes indicate a strong trend).

The Coefficient of Variation (COV) is a statistical measure of how the individual data points vary about the mean value. Values less than or near 1.00 indicate that the data form a relatively close

group about the mean value. Values larger than 1.00 indicate that the data show a greater degree of scatter about the mean.

"Confidence in Trend" is the statistical confidence that the constituent concentration is increasing (S>0) or decreasing (S<0).

If there were insufficient data or fewer than four sampling events, then "not applicable (NA)" was applied to the results.

5.3 RESULTS OF STATISTICAL ANALYSES

The overall results of the Mann-Kendall trend analyses are presented on Table 7. The breakdown of the overall trends were similar to 2016 but the number of stable trends decreased by approximately 5% and the number of decreasing trends increased by 5%. The number of analysis indicting insufficient data increased because of the addition of the new wells. The statistical analysis tested 390 datasets to evaluate for trends. The statistical analysis yielded a result of either insufficient data, ND, or no trend for 169 of the datasets tested. The decreasing or probably decreasing trend monitoring wells totaled 115, and the magnitude of the trends ranged from -182 to -0.0013 micrograms per liter per year (µg/L/yr). The decreasing trends as a percentage for the period analyzed ranged from -24 to -0.47 percent per year (%/yr). Sixty-six monitoring wells demonstrated a stable trend. Forty monitoring wells demonstrated an increasing or probably increasing trend, and the magnitude of the trends ranged from 0.00062 to 8.76 µg/L/yr. The increasing trends as a percentage for the period analyzed ranged from 0.82 to 88%/yr. Four of the increasing trends as a percentage change were 20%/yr or higher. The magnitudes of the trends are discussed by chemical of concern in the following subsections. Table 8 provides a more detailed summary of the trend analysis by monitoring well for those monitoring wells demonstrating an increasing or probably increasing trend for one or more of the primary chemicals of concern. Historical chemical of concern data for each monitoring well sampled are provided in Appendix E. The table of historical data includes a summary by monitoring well of all analytical results for the six chemicals of concern.

Time versus concentration graphs for the 17 monitoring wells identified in the OSP are presented in Appendix E; monitoring well 3860H was also identified in the OSP, but the monitoring well was destroyed in 2015 so a time versus concentration graph was not included.

5.3.1 Tetrachloroethene

Figures 18 and 19 summarize the trend analysis results for PCE in the WT HSUs and B HSU, respectively. The statistical analysis for PCE yielded a result of either insufficient data, ND, or no trend for 12 of the monitoring wells tested. The decreasing or probably decreasing trend monitoring wells totaled 37, and the magnitude of the trends ranged from -182 to -0.07. The decreasing trends as a percentage for the period analyzed ranged from -18.3 to -2.01%/yr. The decreasing trends in the WT were scattered throughout the BOU. The decreasing trends in the B HSU are primarily adjacent to the BOU extraction wells and to the north near former the Plant B-6 area. Thirteen monitoring wells demonstrated a stable trend. Three monitoring wells demonstrated an increasing or probably increasing trend, and the magnitude of the trends ranged from 0.02 to 3.80 µg/L/yr. The increasing trends as a percentage for the period analyzed ranged from 2.92 to 3.65%/yr. There were no increasing or probably increasing trends identified in the WT HSU wells. Three increasing trend wells were identified in the B HSU. Two wells were adjacent to the BOU extraction wells and one well was upgradient of the BOU extraction wells. All three monitoring wells are within the area captured by the BOU extraction wells. The magnitude of the increasing trends and the percentage these changes in concentration represent are not large.

The following B-HSU monitoring wells exhibited increasing or probably increasing trends:

- 3850R: The 2017 concentration in this well was 48 micrograms per liter (µg/L). This well is located between extraction well VO6 and VO7 and upgradient of VO8. The magnitude of the increasing trend is 3.80 µg/L/yr and represents a change of 2.92%/yr over the period analyzed.
- B-1-CW28: The 2017 concentration in this well was 13 µg/L. This well is located between BOU extraction wells VO5 and VO6 and upgradient of VO8. The magnitude of the increasing trend is 0.91 µg/L/yr and represents a change of 3.65%/yr over the period analyzed.
- B-6-CW02: The 2017 concentration in this well was 0.56 µg/L. This well is located upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.02 µg/L/yr and represents a change of 3.29%/yr over the period analyzed. The analyte PCE has never been detected in this well at a concentration exceeding the MCL.

5.3.2 Trichloroethene

Figures 20 and 21 show the trend analysis results for TCE in the WT HSUs and the B HSU, respectively. The statistical analysis for TCE yielded a result of either insufficient data, ND, or no trend for 16 of the monitoring wells tested. The decreasing or probably decreasing trend monitoring

wells totaled 39, and the magnitude of the trends ranged from -50 to -0.02 µg/L/yr. The decreasing trends as a percentage for the period analyzed ranged from -22 to -0.47%/yr. The decreasing trends in the WT HSUs were scattered throughout the BOU. The decreasing trends in the B HSU are primarily adjacent to or south of the BOU extraction wells. Eight monitoring wells demonstrated a stable trend. Two monitoring wells demonstrated an increasing or probably increasing trend, and the magnitude of the trends ranged from 0.14 to 2.38 µg/L/yr. The increasing trends as a percentage for the period analyzed ranged from 1.41 to 3.83%/yr. The single increasing or probably increasing trend in the WT HSUs was 3830S, located south of former Plant B-5 and is upgradient of the BOU extraction system. The increasing trend in the B HSU was adjacent to the BOU extraction wells (within the area captured by the BOU extraction wells). The magnitude of the increasing trend and the percentage this change in concentration represent is not large.

The following WT-HSU monitoring well exhibited a probably increasing trend:

- 3830S: The 2017 concentration in this well was 85 µg/L. This well is located south of former Plant B-5 and is upgradient of the BOU extraction system. The magnitude of the probably increasing trend is 2.38 µg/L/yr and represents a change of 3.83%/yr over the period analyzed.

The following B-HSU monitoring well exhibited an increasing trend:

- 3850R: The 2017 concentration in this well was 7.8 µg/L. This well is located between extraction well VO6 and VO7 and upgradient of VO8. The magnitude of the increasing trend is 0.14 µg/L/yr and represents a change of 1.41%/yr over the period analyzed.

5.3.3 1,2,3-Trichloropropane

The analyte 1,2,3-TCP has historically been analyzed by two methods: as part of the standard VOC analyses (currently USEPA Method 8260B), which has a higher detection limit, and by low-level 1,2,3-TCP analyses (currently USEPA Method 8260B SIM), which has a lower detection limit. All 1,2,3-TCP data from 1996 to 2000 was a result of the VOC analyses (i.e., higher detection limits, generally several orders of magnitude higher than current 1,2,3-TCP concentrations). The MAROS application assigns a value of one-half of the detection limit in the case of non-detects. Therefore, the MAROS application would assign higher 1,2,3-TCP concentrations to the early 1,2,3-TCP non-detects which would skew the statistical analysis. To account for this, non-detects with high detection limits were not included in the 1,2,3-TCP statistical analysis.

Figures 22 and 23 show the trend analysis results for 1,2,3-TCP in the WT HSUs and the B HSU, respectively. The statistical analysis for 1,2,3-TCP yielded a result of either insufficient data, ND, or no trend for 44 of the monitoring wells tested. The decreasing or probably decreasing trend monitoring wells totaled 7, and the magnitude of the trends ranged from -1.01 to -0.006 µg/L/yr. The decreasing trends as a percentage for the period analyzed ranged from -14.6 to -5.11%/yr. The decreasing trends in the WT HSUs were located at or upgradient of the extraction wells, the southwest boundary, and just south of the southern boundary of the BOU. There were no decreasing trends in the B HSU. Two monitoring wells demonstrated a stable trend. Twelve monitoring wells demonstrated an increasing or probably increasing trend, and the magnitude of the trends ranged from 0.00062 to 1.41 µg/L/yr. The increasing trends as a percentage for the period analyzed ranged from 2.56 to 29%/yr. The increasing trends in the WT HSUs are scattered throughout the BOU and are within the area captured by the BOU extraction wells or upgradient of them, with the exception of monitoring wells 3852L, 3852M, and 3872N. The single increasing or probably increasing trend in the B HSUs was 3850R, located between extraction wells VO6 and VO7 and upgradient of VO8. With the exception of some of the Pacific Airmotive Corporation monitoring wells and monitoring well A-1-CW04, the magnitude of the increasing trends and the percentage these changes in concentration represent are not large.

The following WT-HSU monitoring wells exhibited increasing or probably increasing trends:

- MW-03: The 2017 concentration in this well was 0.93 µg/L. This well is located within the former Pacific Airmotive Corporation/Plant B-6 area and is upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.43 µg/L/yr and represents a change of 13.5%/yr over the period analyzed.
- MW-04: The 2017 concentration in this well was 0.96 µg/L. This well is located within the former Pacific Airmotive Corporation/Plant B-6 area and is upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.22 µg/L/yr and represents a change of 20%/yr over the period analyzed.
- MW-07: The 2017 concentration in this well was 0.60 µg/L. This well is located within the former Pacific Airmotive Corporation/Plant B-6 area and is upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.07 µg/L/yr and represents a change of 18.1%/yr over the period analyzed.
- MW-08: The 2017 concentration in this well was 0.93 µg/L. This well is located within the former Pacific Airmotive Corporation/Plant B-6 area and is upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.20 µg/L/yr and represents a change of 15.7%/yr over the period analyzed.

- 3852L: The 2017 concentration in this well was 0.032 µg/L. This well is located 4,000 feet south of the nearest BOU extraction well and is at the edge of the area captured by the BOU extraction wells. The magnitude of the increasing trend is 0.0080 µg/L/yr and represents a change of 8.94 %/yr over the period analyzed.
- 3852M: The 2017 concentration in this well was 0.21 µg/L. This well is located 5,000 feet south of the nearest BOU extraction well and appears to be south of the area of influence of the BOU extraction wells. The magnitude of the increasing trend is 0.016 µg/L/yr and represents a change of 12.4%/yr over the period analyzed.
- 3872L: The 2017 concentration in this well was 0.095 µg/L. This well is located 4,750 feet south of the nearest BOU extraction well and appears to be south of the area of influence of the BOU extraction wells. The magnitude of the increasing trend is 0.006 µg/L/yr and represents a change of 11.7%/yr over the period analyzed.
- A-1-CW04: The 2017 concentration in this well was 25 µg/L. This well is located is located in the former Plant A-1 area and is upgradient of BOU extraction well VO7. The magnitude of the increasing trend is 1.78 µg/L/yr and represents a change of 29%/yr over the period analyzed.
- A-1-CW08: The 2017 concentration in this well was 87 µg/L. This well is located downgradient of the former Plant B-6 and upgradient of the BOU extraction system. The magnitude of the increasing trend is 1.41 µg/L/yr and represents a change of 2.56%/yr over the period analyzed.
- A-1-CW09: The 2017 concentration in this well was 15 µg/L. This well is located is located in the former Plant A-1 area and is upgradient of BOU extraction well VO7. The magnitude of the probably increasing trend is 0.30 µg/L/yr and represents a change of 6.75%/yr over the period analyzed.
- B-1-CW13: The 2017 concentration in this well was 13 µg/L. This well is located between and within the influence of BOU extraction wells VO5 and VO6 and upgradient of VO8. The magnitude of the increasing trend is 0.88 µg/L/yr and represents a change of 5.48%/yr over the period analyzed.

The following B-HSU monitoring well exhibited an increasing trend:

- 3850R: The 2017 concentration in this well was 0.0074 µg/L. This well is located between extraction well VO6 and VO7 and upgradient of VO8. The magnitude of the increasing trend is 0.00062 µg/L/yr and represents a change of 7.67%/yr over the period analyzed.

5.3.4 1,4-Dioxane

Figures 24 and 25 show the trend analysis results for 1,4-dioxane in the WT HSUs and the B HSU, respectively. The statistical analysis for 1,4-dioxane yielded a result of either insufficient data, ND, or no trend for 30 of the monitoring wells tested. The decreasing or probably decreasing trend monitoring wells totaled 11, and the magnitude of the trends ranged from -24 to -0.01 µg/L/yr. The decreasing trends as a percentage for the period analyzed ranged from -24 to -2.92%/yr. The

decreasing trends in the WT HSUs are scattered throughout the BOU. There was one probably decreasing trends in the B HSU, 3850R, located between extraction well VO6 and VO7 and upgradient of VO8. Thirteen monitoring wells demonstrated a stable trend. Eleven monitoring wells demonstrated an increasing or probably increasing trend, and the magnitude of the trends ranged from 0.003 to 0.53 µg/L/yr. The increasing trends as a percentage for the period analyzed ranged from 1.08 to 11.5%/yr. The increasing trends in the WT and B HSUs were generally adjacent to and north of the extraction wells. All of the increasing trend monitoring wells are upgradient of the extraction wells or within the area captured by the BOU extraction wells. The magnitude of the increasing trends and the percentage these changes in concentration represent are not large.

The following WT-HSU monitoring wells exhibited increasing or probably increasing trends:

- MW-03: The analyte 1,4-dioxane was not detected in this well in 2017. This well is located within the former Pacific Airmotive Corporation/Plant B-6 area and is upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.07 µg/L/yr and represents a change of 7.12%/yr over the period analyzed.
- MW-04: The analyte 1,4-dioxane was not detected in this well in 2017. This well is located within the former Pacific Airmotive Corporation/Plant B-6 area and is upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.06 µg/L/yr and represents a change of 7.67%/yr over the period analyzed.
- MW-08: The analyte 1,4-dioxane was not detected in this well in 2017. This well is located within the former Pacific Airmotive Corporation/Plant B-6 area and is upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.53 µg/L/yr and represents a change of 11.0%/yr over the period analyzed.
- 3852F: The 2017 concentration in this well was 1.5 µg/L. This well is located 5,000 feet south of the nearest BOU extraction well and appears to be south of the area of influence of the BOU extraction wells. The magnitude of the increasing trend is 0.06 µg/L/yr and represents a change of 10.6%/yr over the period analyzed.
- A-1-CW09: The 2017 concentration in this well was 3.7 µg/L. This well is located in the former Plant A-1 area and upgradient of BOU extraction well VO7. The magnitude of the probably increasing trend is 0.16 µg/L/yr and represents a change of 9.49%/yr over the period analyzed.
- B-1-CW13: The 2017 concentration in this well was 2.0 µg/L. This well is located between and within the influence of BOU extraction wells VO5 and VO6 and upgradient of VO8. The magnitude of the increasing trend is 0.05 µg/L/yr and represents a change of 5.66%/yr over the period analyzed.
- B-1-CW17: The 2017 concentration in this well was 2.9 µg/L. This well is located on the downgradient edge of the influence of the extraction well VO1. The magnitude of the

increasing trend is 0.09 µg/L/yr and represents a change of 8.94%/yr over the period analyzed.

- C-1-CW08: The analyte 1,4-dioxane was not detected in this well in 2017. This well is located within the former Plant C-1 area and is upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.04 µg/L/yr and represents a change of 4.4%/yr over the period analyzed.

The following B-HSU monitoring wells exhibited increasing or probably increasing trends:

- B-6-CW14: The 2017 concentration in this well was 1.8 µg/L. This well is located in the former Plant B-1 area and upgradient of the BOU extraction system. The magnitude of the increasing trend is 0.10 µg/L/yr and represents a change of 11.5%/yr over the period analyzed.
- C-1-CW02: The analyte 1,4-dioxane was not detected in this well in 2017. This well is located upgradient of the former Plant C-1 area and is upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.02 µg/L/yr and represents a change of 4.75%/yr over the period analyzed.
- C-1-CW05: The analyte 1,4-dioxane was not detected in this well in 2017. This well is located east of the former Plant B-5 area. The magnitude of the increasing trend is 0.003 µg/L/yr and represents a change of 1.08%/yr over the period analyzed. The analyte 1,4-dioxane has never been detected in this well at a concentration exceeding the notification level.

5.3.5 Total Chromium

Figures 26 and 27 show the trend analysis results for total chromium in the WT HSUs and the B HSU, respectively. The statistical analysis for total chromium yielded a result of either insufficient data, ND, or no trend for 40 of the monitoring wells tested. The decreasing or probably decreasing trend monitoring wells totaled ten, and the magnitude of the trends ranged from -15.3 to -0.10 µg/L/yr. The decreasing trends as a percentage for the period analyzed ranged from -11.0 to -0.77%/yr. The decreasing trends in the WT and B HSUs are scattered throughout the BOU. Twelve monitoring wells demonstrated a stable trend. Three monitoring wells demonstrated an increasing or probably increasing trend, and the magnitude of the trends ranged from 0.13 to 0.42 µg/L/yr. The increasing trends as a percentage for the period analyzed ranged from 5.29 to 7.85%/yr. All of the increasing trend monitoring wells in the WT and B HSUs are located adjacent to or upgradient of the BOU extraction wells, and within the area captured by the extraction wells. The magnitude of the increasing trends and the percentage these changes in concentration represent are not large.

The following WT-HSU monitoring wells exhibited increasing or probably increasing trends:

- 3860K: The 2017 concentration in this well was 3.44 µg/L. This well is located is located downgradient of the former Pacific Airmotive Corporation/Plant B-6 area and is upgradient of the BOU extraction wells. The magnitude of the probably increasing trend is 0.22 µg/L/yr and represents a change of 5.48%/yr over the period analyzed. Total chromium has never been detected in this well at a concentration exceeding the MCL.
- B-6-CW16: The 2017 concentration in this well was 28.9 µg/L. This well is located downgradient of the former Plant B-6 and upgradient of the BOU extraction system. The magnitude of the increasing trend is 0.42 µg/L/yr and represents a change of 7.85%/yr over the period analyzed. Total chromium has never been detected in this well at a concentration exceeding the MCL.

The following B-HSU monitoring well exhibited a probably increasing trend:

- B-6-CW02: The 2017 concentration in this well was 2.95 µg/L. This well is located within the former Pacific Airmotive Corporation/Plant B-6 area and is upgradient of the BOU extraction wells. The magnitude of the probably increasing trend is 0.13 µg/L/yr and represents a change of 5.29%/yr over the period analyzed. Total chromium has never been detected in this well at a concentration exceeding the MCL.

5.3.6 Hexavalent Chromium

Figures 28 and 29 show the trend analysis results for hexavalent chromium in the WT HSUs and the B HSU, respectively. The statistical analysis for hexavalent chromium yielded a result of either insufficient data, ND, or no trend for 27 of the monitoring wells tested. The decreasing or probably decreasing trend monitoring wells totaled 11, and the magnitude of the trends ranged from -2.81 to -0.01 µg/L/yr. The decreasing trends as a percentage for the period analyzed ranged from -12.6 to -2.19%/yr. The decreasing trends in the WT HSUs are scattered across the BOU. The three decreasing trends in the B HSU are located at Building 371 and just immediately south of the BOU extraction wells. Eighteen monitoring wells demonstrated a stable trend. Nine monitoring wells demonstrated increasing or probably increasing trends, and the magnitude of the trends ranged from 0.03 to 8.76 µg/L/yr. The increasing trends as a percentage for the period analyzed ranged from 0.82 to 88 %/yr. The trends in the WT HSUs appear to be primarily located adjacent to or upgradient of the BOU extraction wells, and within the area captured by the extraction wells. The increasing trends in the B HSU are primarily south of the extraction wells and appears to be outside of the area captured by the extraction wells.

The following WT-HSU monitoring wells exhibited increasing or probably increasing trends:

- MW-04: The 2017 concentration in this well was 2.2 µg/L. This well is located within the former Pacific Airmotive Corporation/Plant B-6 area and is upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.05 µg/L/yr and represents a

change of 3.65%/yr over the period analyzed. Hexavalent chromium has never been detected in this well at a concentration exceeding the MCL.

- MW-08: The 2017 concentration in this well was 2.1 µg/L. This well is located within the former Pacific Airmotive Corporation/Plant B-6 area and is upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.10 µg/L/yr and represents a change of 7.12%/yr over the period analyzed. Hexavalent chromium has never been detected in this well at a concentration exceeding the MCL.

- 3870D: The 2017 concentration in this well was 17 µg/L. The well is located in the northeast corner of the BOU east of Interstate 5. The well appears to be upgradient of the BOU extraction system. The magnitude of the increasing trend is 8.76 µg/L/yr and represents a change of 88%/yr over the period analyzed.

- 3872N: The 2017 concentration in this well was 6.7 µg/L. This well is located 4,750 feet south of the nearest BOU extraction well and appears to be south of the area of influence of the BOU extraction wells. The magnitude of the increasing trend is 2.49 µg/L/yr and represents a change of 80%/yr over the period analyzed. Hexavalent chromium has never been detected in this well at a concentration exceeding the MCL.

- C-1-CW03: The 2017 concentration in this well was 0.88 µg/L. This well is located upgradient of the former Plant C-1 area and is upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.03 µg/L/yr and represents a change of 7.67%/yr over the period analyzed. Hexavalent chromium has never been detected in this well at a concentration exceeding the MCL.

The following B-HSU monitoring well exhibited a probably increasing trend:

- 3851N: The current concentration in this well is 1.2 µg/L. The well is located 2000 feet south of the nearest BOU extraction well. The magnitude of the increasing trend is 0.01 µg/L/yr and represents a change of 2.19 %/yr over the period analyzed. Hexavalent chromium has never been detected in this well at a concentration exceeding the MCL.

- 3852H: The 2017 concentration in this well was 1.1 µg/L. This well is located 4,750 feet south of the nearest BOU extraction well and appears to be south of the area of influence of the BOU extraction wells. The magnitude of the probably increasing trend is 0.01 µg/L/yr and represents a change of 0.82%/yr over the period analyzed. Hexavalent chromium has never been detected in this well at a concentration exceeding the MCL.

- 3861F: The 2017 concentration in this well was 4.9 µg/L. The well is located 1600 feet south of the nearest BOU extraction well and appears to be on the downgradient edge of the influence of the BOU extraction wells. The magnitude of the increasing trend is 0.04 µg/L/yr and represents a change of 1.41 %/yr over the period analyzed. Hexavalent chromium has never been detected in this well at a concentration exceeding the MCL.

- B-6-CW02: The 2017 concentration in this well was 2.5 µg/L. This well is located upgradient of the BOU extraction wells. The magnitude of the increasing trend is 0.03 µg/L/yr and represents a change of 4.02%/yr over the period analyzed. Hexavalent chromium has never been detected in this well at a concentration exceeding the MCL.

5.4 COMPOUNDS OF CONCERN COMPARISON

During the USEPA's review of the 2013 BOU Annual Groundwater Monitoring and Emerging Compounds Report (Arcadis 2013), the USEPA requested that the analytical results for the compounds of concern (PCE, TCE, 1,2,3-TCP, 1,4-dioxane, total chromium, and hexavalent chromium) be compared to previous results to look for increases in concentrations. The concern was that limited or variable datasets can be problematic for statistical analysis and that inspection of the most recent data may identify a possible increasing trend before statistical analysis will. Specifically it was requested that the data be evaluated for the three following criteria:

- Criteria 1- Determine if detected concentration represents a new maximum for that monitoring well
- Criteria 2 - Determine if detected concentration exceeds the water-quality objectives for the first time in a period of two years
- Criteria 3 - Determine if the concentration is greater than the previous reported concentration by a factor of 50% or more and if it is in excess of the water quality objectives

Sixty-five monitoring wells were sampled and tested in 2017 and there are six primary compounds of concern, therefore, each of the three criteria were applied against 390 datasets. The same datasets used for the statistical analysis (January 1996 to the present) was used for this evaluation as well. Table 9 presents the result of the analysis and the matrix below summarizes the results.

- Criteria 1 – 40 of the 390 results represented a new maximum
- Criteria 2 – 3 of the 390 results represented a new exceedance of the MCL/DWNL since May 2014
- Criteria 3 – 29 of the 390 results represented an exceedance of the MCL/DWNL and the concentration was more than 50% higher than the last known concentration for that monitoring well.

Summary of Data Comparison						
	Wells That Met Criteria 1: New Maximum Concentration		**Wells That Met Criteria 2: New Exceedance of MCL/DWNL since March 2016**		**Wells That Met Criteria 3: Exceedance of the MCL/DWNL and 50% Higher than Last Measured Concentration**	
Analyte	**Number of Wells**	**Concentration Range (µg/L)**	**Number of Wells**	**Concentration Range (µg/L)**	**Number of wells**	**Concentration Range (µg/L)**
PCE	5	13.0 - 630	0	NA	7	14.0 - 630
TCE	5	0.29 - 200	0	NA	11	12.0 - 240
1,2,3-TCP	5	0.0011 - 25	0	NA	5	0.057 - 25
1,4-Dioxane	5	1.5 - 3.7	1	1.5	4	1.5 - 3.7
Total Chromium	2	0.028 - 17	1	16	1	16
Hexavalent Chromium	15	29 - 47	1	82.9	1	82.9
Total	40	NA	3	NA	29	NA

Note: NA – not applicable

The following observations were made while compiling these data:

- Several of the cases where one or more of these criteria were met were for monitoring wells where analytical detection limits have decreased, resulting in current detections at concentrations well below the former detection limits. The reduced detection limits are generally due to increased sensitivities of the analytical methods.
- Many monitoring wells have limited datasets (as few as four or five analyses since 1996) and provide less perspective over time or previous data for comparison.
- Some of the cases where these criteria were met were in areas where there is likely downgradient migration from higher concentration areas; or small upward changes in concentration in areas of known impacts.
- Five new wells were installed in the Plant B-1 area 2016. Twelve of the criteria 1 and eight of the criteria 3 exceedances were associated with those new wells.

Neither criteria 1, 2, or 3 identified any changes in concentration or plume morphology beyond those already presented on the isoconcentration maps or identified in the trend analysis that warrant further investigation at this time.

SECTION 6
CAPTURE ZONE EVALUATION

The systematic approach outlined in the USEPA guidance document *A Systematic Approach for Evaluation of Capture Zones at Pump and Treat Systems* (USEPA, 2008) was followed to assess the current status of hydraulic capture at the BOU. Data collected from October 2016 through early April 2017 were evaluated to assess capture. The lines of evidence collected from the site and used to complete the evaluation included the following: summation of extraction system operation, evaluation of the measured groundwater levels, analysis of hydraulic gradients (horizontal and vertical), concentration trend analyses, and a review of water-level trends during the reporting period. The following sections present a summary of each of these diagnostic components.

6.1 BOU EXTRACTION SYSTEM

The City of Burbank compiles extraction well discharge rates and water treatment plant operational data in monthly operations reports that are provided to the California Department of Public Health and the USEPA. These reports include the total daily volume of water pumped from each of the BOU extraction wells and the influent/effluent concentrations of the contaminants of concern. Table 10 provides a summary of monthly groundwater production from each of the eight groundwater extraction wells from May 2016 through April 2017.

Based on the data from the BOU monthly operation reports for the current reporting period (May 2016 through April 2017), an estimated 3,129,230,274 gallons of groundwater was extracted (average extraction rate of 5,937 gallons per minute) and approximately 3,697 pounds of volatile organic compounds (VOCs) were treated by the Burbank Operable Unit (BOU) treatment system (see Table 11). The estimated mass of VOCs removed by the BOU extraction wells and treatment system are based on the average monthly influent concentrations of total VOCs and the total volume of influent to the water treatment plant.

Since inception of the treatment system in 1996 through April 2017, the BOU has extracted an estimated 64,387,442,880 gallons of groundwater and removed approximately 259,422 pounds of VOCs. A summary of the cumulative volume of water and estimated mass of VOCs treated by year from 1996 through April 2017 is provided in Appendix F.

All eight BOU extractions wells operated during the period reported. Extraction wells VO2, VO4, VO6, and VO8 were operating 91%, 79%, 78% and 80% of the period reported, respectively, and produced approximately 65% of the total volume pumped. The remaining four extraction wells were operating 34% to 52% of the period reported, and produced approximately 5% to 12% of the total volume pumped.

6.2 MEASURED GROUNDWATER LEVELS

Figures 3 and 4 present the potentiometric surface contours in the WT HSUs and the B HSU, respectively. Elevation data shown on both figures indicate that groundwater flows from northwest toward southeast across the BOU. The best indication of the steady-state hydraulic gradient (absent the effects of groundwater extraction) is shown in the western area of the Bob Hope Airport where groundwater flows from northwest to southeast at a gradient of 0.002 foot/foot.

Groundwater extraction appeared to be the dominant influence on groundwater flow within the monitoring well network. Groundwater extraction created a northwest-aligned trough with respect to the water table, creating a series of coalescing cones of depression beneath the BOU extraction wells. All of the BOU extraction wells are located in a linear alignment along or projecting east of Vanowen Street with the exception of VO8, which is located one block south of VO6. Figure 3 shows, in detail, the considerable cone of depression formed by the BOU extraction well system to capture contaminated groundwater present in the WT HSUs. Figure 3 also shows that the dominant direction of groundwater flow immediately south of the BOU was reversed from its natural southeasterly flow direction, as it followed a northerly flow direction into the cones of depression created by the BOU extraction wells. The influence of VO8 can be seen in the southward extension of the extraction system cone of depression apparent to the south of VO5 and VO6 toward Victory Boulevard (Figure 3 and 4).

The local groundwater flow direction in the B HSU was generally the same as the local groundwater flow direction observed in the WT HSUs: toward the southeast and converging on the area of groundwater extraction.

There appears to be a hydraulic divide in the vicinity of monitoring wells 3862D and 3872Q, in which the water table elevation contours exhibited changes in direction. These changes in direction

indicate the approximate location of the southern limit of hydraulic capture, which is shown on Figure 3.

The data from select monitoring wells equipped with pressure transducers were converted to hydrographs and are presented in Appendix C. The result is a series of very detailed hydrographs for the reporting period from October 2016 through April 2017. From October 2016 through early April 2017, the groundwater levels in BOU monitoring wells generally declined.

The following observations are based upon a review of the data presented in the hydrographs in Appendix C:

- Graph C-7: Groundwater monitoring wells 3851M (WT HSUs) and 3851N (B HSU), located approximately 1,300 feet southwest of extraction well VO8, 2,000 feet southwest of extraction well VO6, and 1,800 feet south of extraction well VO7, exhibited influence from changes in pumping in all three BOU extraction wells. The influence from changes in pumping was up to 0.6 feet in magnitude. The greatest influence seems to be from changes in pumping at VO8. There was consistently approximately 0.5 feet of head difference between these two monitoring wells indicating an upward vertical gradient.
- Graph C-9: Groundwater monitoring well 3852L (WT HSUs), located approximately 2,800 feet south of extraction well VO8, 4,000 feet south of extraction well VO6, and 4,200 feet south of extraction well VO7, exhibited a slight response to changes in pumping in VO8. There was no observable response to changes in pumping in VO6 or VO7.
- Graph C-12: Groundwater monitoring well 3861D (WT HSUs), located approximately 190 feet southwest of extraction well VO3, 180 feet south of extraction well VO4, and 2,500 feet east of extraction well VO8, exhibited response to changes in pumping in all three extraction wells. The response to pumping was typically less than 0.5 feet in magnitude. Groundwater monitoring well 3861F (B HSU), co-located with 3861D, exhibited response to changes in pumping in all three BOU extraction wells. The response to changes in pumping was up to 1 foot in magnitude, and the greatest influence appeared to be from VO8. There was consistently approximately 4 feet of head difference between these two monitoring wells indicating a vertical gradient upward.
- Graph C-15: Groundwater monitoring well 3871H (WT HSUs), located approximately 2,300 feet south of extraction well VO1 and 2,700 feet southeast of extraction well VO2, exhibited response to changes in pumping in both VO1 and VO2. The response to changes in pumping in VO1 was greater (up to 1.25 feet, compared to 1 foot from pumping in VO2). Water levels fluctuated up to 2.5 feet when both pumps were operating.
- Graph C-19: Groundwater monitoring well 3880 (WT HSUs), located approximately 2,600 feet northeast of extraction well VO1, exhibited a slight response to changes in pumping in VO1.
- Graph C-22: Groundwater monitoring well A-1-CW04 (WT HSUs), located approximately 1,100 feet west of extraction well VO7 and 2,600 feet northwest of extraction well VO8,

exhibited significant response to changes in pumping in VO7 and slight response to changes in pumping in VO8. Groundwater monitoring well A-1-CW05 (B HSU), approximately co-located with A-1-CW04, exhibited response to pumping in both VO7 and VO8. There was consistently approximately 1 foot or more of head difference between these two monitoring wells indicating an upward vertical gradient.

- Graph C-24: Groundwater monitoring well B-1-CW12 (WT HSUs), located approximately 600 feet east of extraction well VO1, historically exhibited significant response to pumping in VO1, with fluctuations up to 2 feet or more in magnitude when pumping stops and starts in extraction well VO1. Groundwater monitoring well B-1-CW11 (B HSU), co-located with B-1-CW12, exhibited responses to pumping rate changes in VO1, with fluctuations generally on the order of 1 to 1.5 feet in magnitude. There is consistently more than 5 feet of head difference between these two monitoring wells indicating a vertical gradient upward. The shallow WT HSU is controlled by pumping from the western end of the groundwater extraction system. While pumping influenced the B HSU, water levels in the both zones declined during the reporting period.

- Graph C-25: Groundwater monitoring well B-1-CW13 (WT HSUs), located approximately 500 feet west of extraction well VO5 and 800 feet east of extraction well VO6, exhibited response to changes in pumping in both VO5 and VO6. The response to changes in pumping in VO5 was greater (2.5 feet or greater, compared to 1.5 feet from changes in pumping in VO6). The water levels fluctuated up to 3 feet when both pumps were operating.

- Graph C-27: Groundwater monitoring well B-1-CW17 (WT HSUs), located approximately 2,000 feet southeast of extraction well VO1, exhibited some response to changes in pumping in VO1, with fluctuations up to 0.2 feet in magnitude. Groundwater monitoring well B-1-CW20 (B HSU), located approximately 1,500 feet southeast of extraction well VO1, appeared to exhibit a larger response to changes in pumping in VO1, with fluctuations generally on the order of 0.75 feet in magnitude.

- Graph C-28: Groundwater monitoring well B-1-CW25 (WT HSUs), located approximately 300 feet east of extraction well VO4 and 600 feet west of extraction well VO3, exhibited response to changes in pumping in both VO3 and VO4. The response to changes in pumping in VO4 was greater (up to 3 feet). The largest influence was when both extraction wells were pumping.

Figure 30 shows changes in the elevation of the WT HSUs from six monitoring wells within the BOU: monitoring wells B-6-CW-17 and 3850V (upgradient of the BOU extraction wells); monitoring well B-1-CW25 (between BOU extraction wells VO3 and VO4); and monitoring wells 3861D and Tt-PW-02 (downgradient of the BOU extraction wells VO3 and VO4). Unfortunately B-6-CW-17 is dry and the data is not useable. These monitoring wells represent a line that approximately parallels the direction of groundwater flow from northwest (upgradient) to southeast (downgradient). Water levels in the upgradient monitoring wells were higher than either the downgradient or extraction system monitoring wells. Due to their proximity to the BOU extraction wells, the water levels in the extraction well monitoring wells showed the greatest fluctuations from

changes in pumping. Data presented in Figure 30 also show that the water level in Tt-PW-02, the farthest downgradient monitoring well on the hydrograph, is higher than the extraction system monitoring wells. The water level in 3861D, located between the extraction system monitoring wells and Tt-PW-02, was general higher than the water level in the extraction system monitoring wells and lower than monitoring well Tt-PW-02. Supporting that during the period represented, the groundwater along the profile represented by the graph is flowing toward the extraction system.

6.3 HYDRAULIC GRADIENTS

6.3.1 Vertical Gradients

Groundwater-elevation data for selected monitoring well-cluster sets were used to evaluate the vertical hydraulic gradient at various points in the BOU and potential vertical groundwater flow. The vertical gradient (i) between the B HSU and the WT HSUs was calculated for the monitoring well-cluster sets by the following formula:

$i = dh/dl,$

where dh equals the difference between the groundwater elevations in the B HSU and overlying HSU, and dl equals the distance between the midpoint of the B HSU monitoring well screen and the midpoint of the saturated portion of the overlying HSU monitoring well screen. The direction and magnitude of the vertical gradient between the B HSU and the overlying WT HSUs at each monitoring well-cluster set are presented in Table 12.

The results indicate that there was a predominately upward vertical gradient over much of the BOU. This upward gradient is caused by the influence due to groundwater extraction (due to the fact that the BOU extraction wells are predominantly drawing from the WT HSUs), which lowers the WT HSUs' water level to elevations below the top of the B HSU's potentiometric surface. The magnitude of the upward gradient was generally greater in the monitoring well clusters that are closer to the BOU extraction wells.

A number of the transducers were installed in monitoring well clusters so the vertical hydraulic gradient can be evaluated. Monitoring well clusters near BOU extraction wells (B-1-CW12 [WT HSUs] and B-1-CW11 [B HSU]; Appendix C, Graph C-24) appear to show an upward vertical hydraulic gradient as a result of pumping from the WT HSUs. Similar upward gradients are observed

on the hydrographs for B-1-CW17 (WT HSUs) and B-1-CW20 (B HSU); 3861D (WT HSUs) and 3861F (B HSU); and 3851M (WT HSUs) and 3851N (B HSU); and A-1-CW04 (WT HSUs) and A-1-CW05 (B HSU) (Appendix C, Graphs C-27, C-12, C-7, and C-22, respectively). It should be noted that upward vertical hydraulic gradients are demonstrated over the full six-month period, suggesting that all pumping configurations from October 2016 through early April 2017 were capable of maintaining upward gradients for these subsets of monitoring wells.

6.3.2 Horizontal Gradients

Groundwater-elevation data for selected monitoring wells were used to evaluate horizontal hydraulic gradients (direction and magnitude) within the BOU using a triangulated irregular network (TIN). This horizontal hydraulic gradient analysis was completed using data collected during the April 2017 gauging event and TINs defined by monitoring wells distributed in the WT HSUs and the B HSU. The TIN segments established for this evaluation are shown on Figures 31 and 32 for the WT HSUs and the B HSU, respectively. As shown on these figures, the TIN cells are located adjacent to and immediately downgradient of the BOU extraction system. Consequently, the application of this diagnostic tool can help determine the near-well and downgradient extent of capture generated by the BOU extraction system.

A total of 38 TIN segments were defined for the WT HSUs (A through LL) and 25 TIN segments were defined for the B HSU (A through Y) to determine the direction and magnitude of the horizontal hydraulic gradients in the respective HSUs (Figures 31 and 32).

6.3.2.1 WT HSU TIN Results

Based on review of Figure 31, the hydraulic gradient in the area immediately to the south and east of the groundwater extraction well system are directly influenced by pumping, showing steep gradients and in some instances a reversal from the southeast-oriented regional trend, indicating strong hydraulic capture.

South of Victory Boulevard (triangles AA, BB, and CC), the direction of groundwater flow appears to ultimately result in flow toward the extraction system, but the hydraulic gradient is not as steep. Further to the south, the horizontal gradients calculated for triangles EE, FF, GG, and HH support partial capture in this region. However, the horizontal gradients in triangles KK and LL do not support capture in those regions.

6.3.2.2 B-Zone HSU TIN Results

The TIN map prepared for the B HSU (Figure 32) shows that groundwater directly adjacent to extraction well VO8 is influenced by pumping, and the influence quickly dissipates to the south, southwest, and west.

6.4 CHEMICALS OF CONCERN CONCENTRATION TRENDS

Concentration trends constitute another element in the evaluation of hydraulic capture. Per the guidance provided in *A Systematic Approach for Evaluation of Capture Zones at Pump and Treat Systems* (USEPA, 2008), contaminant concentrations should be monitored at locations downgradient of the capture zone to demonstrate capture. Contaminant concentrations can be monitored at two types of downgradient locations: sentinel monitoring wells or downgradient performance monitoring wells. Sentinel monitoring wells are located downgradient of the capture zone and concentrations are below background concentrations. Downgradient performance monitoring wells are located downgradient of the capture zone and are impacted above background concentrations. Four monitoring well pairs completed in both the WT-HSU and the B-HSU have been identified as downgradient performance monitoring wells: 3852M (WT HSUs) and 3852N (B HSU), 3862D (WT HSUs) and 3862E (B HSU), 3872L (WT HSUs) and 3872M (B HSU), and 3872Q (WT HSUs) and 3872S (B HSU). All of these monitoring wells are located south of Burbank Boulevard.

Results of the statistical trend analyses for the chemicals of concern are presented on Figures 18 through 29. Results presented on these figures correspond to the Mann-Kendall and the linear regression tests performed on data points covering the time period from first quarter 1996 to the most recent sampling event in April 2017, as presented in Section 5 and Appendix E. As discussed in Section 5 of this report, there are seven statistical concentration trend types that can be derived for the Mann-Kendall analysis: 1) decreasing, 2) increasing, 3) no trend (displaying two sets of conditions), 4) probably decreasing, 5) probably increasing, 6) stable, and 7) non-detect (ND; all sample results are below the detection limit). If a location has fewer than four quarters of data, then the Mann-Kendall analysis cannot be run and not applicable (NA) would be applied to the results. Trends for the 4 pairs of monitoring wells identified above are discussed by analyte below.

6.4.1 Tetrachloroethene Concentration Trends

The trend analysis for the eight downgradient performance monitoring wells yielded the following results: insufficient data (none), decreasing (six monitoring wells: 3852M, 3852N, 3862D, 3862E, 3872M, and 3872Q), increasing (none), no trend (one monitoring well: 3872L), probably decreasing (one monitoring well: 3872S), probably increasing (none), stable (none), and ND (none). The magnitudes of the decreasing and probably decreasing trends ranged from -34 to -0.93 micrograms per liter per year (µg/L/yr) in the WT HSUs and from -3.5 to -0.09 µg/L/yr in the B HSU.

6.4.2 Trichloroethene Concentration Trends

The trend analysis for the eight downgradient performance monitoring wells yielded the following results: insufficient data (none), decreasing (seven monitoring wells: 3852M, 3852N, 3862D, 3862E, 3872M, 3872Q, and 3872S), increasing (none), no trend (one monitoring well: 3872L), probably decreasing (none), probably increasing (none), stable (none), and ND (none). The magnitudes of the decreasing trends were -30 to -0.42 µg/L/yr in the WT HSUs and -1.64 to -0.03 µg/L/yr in the B HSU.

6.4.3 1,2,3-Trichloropropane Concentration Trends

The trend analysis for the eight downgradient performance monitoring wells yielded the following results: insufficient data (none), decreasing (one monitoring well: 3872Q), increasing (two monitoring wells: 3852M and 3872L), no trend (five monitoring wells: 3852N, 3862D, 3862E, 3872M, and 3872S), probably decreasing (none), probably increasing (none), stable (none), and ND (none). The magnitude of the single decreasing trend was -0.023 µg/L/yr in the WT HSUs. The magnitude of the increasing trend wells in the WT HSUs was 0.006 µg/L/yr and 0.016 µg/L/yr.

6.4.4 1,4-Dioxane Concentration Trends

The trend analysis for the eight downgradient performance monitoring wells yielded the following results: insufficient data (none), decreasing (one monitoring well: 3862D), increasing (none), no trend (none), probably decreasing (none), probably increasing (none), stable (two monitoring wells: 3852M and 3862E), and ND (five monitoring wells: 3852N, 3872L, 3872M, 3872Q, and 3872S). The magnitude of the single decreasing trend in the WT HSUs was -0.01 µg/L/yr.

6.4.5 Total Chromium Concentration Trends

The trend analysis for the eight downgradient performance monitoring wells yielded the following results: insufficient data (none), decreasing (none), increasing (none), no trend (three monitoring wells: 3852N, 3862E, and 3872Q), probably decreasing (two monitoring wells: 3852M and 3862D), probably increasing (none), stable (three monitoring wells: 3872L, 3872M, and 3872S), and ND (none). The magnitude of the decreasing trend wells was -0.14 µg/L/yr and -0.11 µg/L/yr (WT HSUs).

6.4.6 Hexavalent Chromium Concentration Trends

The trend analysis for the eight downgradient performance monitoring wells yielded the following results: insufficient data (none), decreasing (one monitoring well: 3862D), increasing (none), no trend (four monitoring wells: 3852M, 3852N, 3872L, and 3872M), probably decreasing (none), probably increasing (none), stable (three monitoring wells: 3862E, 3872Q, and 3872S), and ND (none). The magnitude of the decreasing trend was -0.50 µg/L/yr (WT HSUs).

6.5 CAPTURE ZONE SUMMARY

For this report, several lines of evidence were examined to evaluate the extent of capture resulting from the BOU extraction system and assess the effectiveness of the system in hydraulically containing the various chemical of concern plumes within the BOU. The lines of evidence included the following:

- The operational data from the extraction system indicated that groundwater is being extracted and that significant VOC mass is being removed from the aquifer.
- Vertical hydraulic gradients indicated that pumping from the WT HSUs is inducing or increasing upward vertical gradients between the B HSU and the WT HSUs.
- The WT-HSU potentiometric map developed from the groundwater level measurements supports that the BOU extraction wells capture groundwater across most of the BOU north of Vanowen Street and south of the extraction wells toward Chandler Boulevard and Wyoming and West Allan Avenue (Figure 3).
- The TIN for the WT HSUs were developed from the same data as the potentiometric maps. The TIN supports that capture from the BOU extraction wells extends south to approximately West Allan and Wyoming Avenue in the central-western portion of the BOU and Chandler Boulevard in the eastern portion of the BOU.

- The trend analysis for the eight downgradient performance monitoring wells yielded the following results: insufficient data (none), decreasing (16 results), increasing (2 results), no trend (14 results), probably decreasing (3 results), probably increasing (none), stable (8 results), and ND (5 results). The two increasing trends (1,2,3-TCP in monitoring wells 3852M and 3872L) had a limited data set (at least five analyses from each well from 2007 to 2017) and the magnitude of the change was small.

The lines of evidence suggest that the BOU extraction system exerts lateral hydraulic control for the extent of contaminants of concern within the BOU. The BOU extraction system can be expected to inhibit the migration of site-related chemicals of concern that are present within the WT HSUs upgradient (north) of the southern limits of hydraulic control in each hydrostratigraphic unit. This interpretation is consistent with past BOU groundwater monitoring reports and recent modelling within the San Fernando Valley (Tetra Tech, 2015c).

SECTION 7
CONCEPTUAL SITE MODEL EVALUATION

The groundwater monitoring results for the second quarter 2017 do not materially differ from results obtained during previous groundwater monitoring events, with the exception that as shown in Figure 5 the overall groundwater elevation at the site continues to drop, also drawdown in the vicinity of extraction well V08 is now depicted on the potentiometric surface maps (Figure 3 and 4). This difference is due to the inclusion of water level data from newly-installed observation wells OW-V08A and OW-V08B rather than changes in field conditions, and represents an improvement in the accuracy of depiction of the cone of depression around the BOU extraction well field. This new data helps better define the influence extraction well VO8 is having on both the water table and the B HSUs. The repair and/or replacement of OWVO1, OW-VO2, OW-VO3, and OW-VO6 has helped to better define the influence of their associated BOU extraction wells. The new wells at Plant B-1 have refined the potentiometric and the isoconcentration mapping in that area as well.

SECTION 8
SUMMARY AND CONCLUSIONS

The Second Quarter 2017 BOU groundwater monitoring event was implemented in accordance with the 2017 Revised OSP; (Tetra Tech, 2017b). The intent of the program is to provide the data necessary to evaluate groundwater conditions at the BOU, including the near-field and far-field effects of the extraction well field.

8.1 GROUNDWATER MONITORING WELL MAINTENANCE

In preparation for the second quarter 2017 groundwater monitoring event, several monitoring well maintenance activities were completed in March and April, 2017:

- The dedicated high-volume pumps and associated piping were removed from 52 monitoring wells and replaced with dedicated low-flow pumps.
- A total of 9 groundwater monitoring wells were redeveloped, cleaned out, or attempted to be cleaned out. This includes A-1-CW07, B-5-CW03, B-6-CW16, C-1-CW05, C-1-CW06, 3852L, 3852M, and 4949C.
- Additional well maintenance activities were completed at 70 of the BOU monitoring wells. This included replacement of well lid gaskets, adding or replacing well tags, re-tapping the existing bolt holes, and replacing the standard six-point bolts with five-point bolts.

8.2 GROUNDWATER ELEVATIONS AND GRADIENTS

During the second quarter 2017 groundwater monitoring event, groundwater levels were measured in 105 monitoring wells. Groundwater elevation contours for the WT HSUs and B HSU are shown on Figures 3 and 4, respectively. Based on those measurements, the local shallow groundwater flow direction was predominantly southeasterly in the northwest portion of the BOU and southerly in the northeast portion of the BOU, and it converged in a flow direction toward the cones of depression created by the operation of the BOU extraction wells. The second quarter 2017 groundwater elevation data indicate that the dominant direction of groundwater flow immediately south of the BOU extraction wells was reversed from its natural southeasterly flow direction, to a northerly flow direction in response to the extraction well pumping (northeasterly flow direction in the western portion of the BOU). These groundwater trends extend to Victory Boulevard in the western portion of the BOU, West Allan and Wyoming Avenue in the central-western portion of the BOU, and to at

least Chandler Boulevard in the eastern portion of the BOU. Beyond these boundaries the groundwater flow direction shows influence from pumping, but ultimately reverts to its natural southeasterly direction.

The local groundwater flow direction in the B HSU during the second quarter 2017 groundwater monitoring event was generally the same as the local groundwater flow direction observed in the WT HSUs. The greater drawdown observed at extraction well V08 in the second quarter 2017 compared with the second quarter 2016 is due to the inclusion of data from new observation well OW-V08B.

Groundwater-elevation data for selected monitoring wells were used to evaluate horizontal hydraulic gradients (direction and magnitude) within the BOU using a TIN. This horizontal hydraulic gradient analysis was completed using data collected during the April 2017 gauging event and TINs defined by monitoring wells distributed in the WT HSUs and the B HSU. These TIN cells are located adjacent to and immediately downgradient of the BOU extraction system. Consequently, the application of this diagnostic tool can help determine the near-well and downgradient extent of capture generated by the BOU extraction system.

Based on the TIN map for the WT HSUs, the hydraulic gradient in the area immediately to the south and east of the groundwater extraction well system are directly influenced by pumping, showing steep gradients and in some instances a reversal from the southeast-oriented regional trend, indicating strong hydraulic capture. Farther to the south, the direction of groundwater flow appears to ultimately result in flow toward the extraction system, but the hydraulic gradient is not as steep. The degree of hydraulic capture dissipates along the southwestern operable unit boundary during the second quarter 2017 monitoring event.

Based on the TIN map for the B HSU, groundwater directly adjacent to extraction well VO8 is influenced by pumping, and the influence quickly dissipates to the south, southwest, and west.

8.3 WATER QUALITY RESULTS

Sixty-five groundwater monitoring wells were sampled during the Second Quarter 2017 monitoring event, 42 completed in the WT HSU and 23 completed in the B HSU. The samples collected were tested for VOCs, 1,2,3-TCP, 1,4-dioxane, total chromium, and hexavalent chromium.

The data were validated using the most recent versions of the USEPA's *National Functional Guidelines* for data validation available at the time of project initiation, where appropriate (USEPA, 2008 and 2010a). Based upon the data review, the data are considered usable as qualified. All testing was provided by the Eurofins Calscience, a California Department of Public Health-accredited environmental laboratory.

Twenty-one organic and two inorganic analytes were detected. Isoconcentration maps were prepared for six primary chemicals of concern: PCE, TCE, 1,2,3-TCP, 1,4-dioxane, total chromium, and hexavalent chromium.

- PCE was detected in 59 of the primary (non-duplicate) samples, 37 of which exceeded the MCL (5 µg/L). Concentrations in the WT HSUs ranged from <0.20 µg/L to 630 µg/L (monitoring well B-1-CW33). Concentrations exceeding the MCL extended over much of the BOU with the highest concentrations detected at the northwest corner of the former Plant B-1 and trending southeast beneath former Plant B-1 and extending to Magnolia Boulevard. Concentrations in the B HSU ranged from <0.20 µg/L to 48 µg/L (monitoring well 3850R). Concentrations exceeding the MCL were not as widely distributed as in the shallower HSUs, with the highest concentrations detected adjacent to the extraction wells on Vanowen Street.
- TCE was detected in 53 of the samples, 35 of which exceeded the MCL. The detected concentrations ranged from 0.29 µg/L (monitoring well C-1-CW05) to 240 µg/L (monitoring wells 3872L and B-1-CW13). Concentrations exceeding the MCL extended over much of the BOU with the highest concentrations detected downgradient of former Building 85 and extending to Magnolia Boulevard. Concentrations in the B HSU ranged from <0.29 µg/L to 32 µg/L (monitoring well 3862E). Concentrations exceeding the MCL were not as widely distributed as in the shallower HSUs, with the highest concentrations detected south of the BOU. Additionally, elevated concentrations were detected in the southern portion of the former Plant B-6 area and continuing southeast beneath former Building 85 and extending to Vanowen Street.
- 1,2,3-TCP was detected in 31 of the samples, 30 of which exceeded the DWNL (0.005 µg/L). Concentrations in the WT HSUs ranged from <0.0025 µg/L to 87 µg/L (monitoring well A-1-CW08). Concentrations exceeding the DWNL extended over much of the BOU with the highest concentrations detected down gradient of the former Plant B-6 area, north of former Building 85, and along Vanowen Street. Concentrations in the B HSU ranged from <0.0025 µg/L to 0.29 µg/L (monitoring well 3852H). Concentrations exceeding the DWNL were not as widely distributed as in the WT HSUs, with the highest concentrations detected near Burbank Boulevard.
- 1,4-Dioxane was detected in 11 of the samples, 11 of which exceeded the DWNL (1.0 µg/L). Concentrations in the WT HSUs ranged from <0.28 µg/L to 3.7 µg/L (monitoring well A-1-CW09). Concentrations exceeding the DWNL are spare, but spread out through the BOU specifically at former Plants A-1-S, B-1, and C-1 as well as downgradient of Former Building 371. Concentrations in the B HSU ranged from <0.28 µg/L to 2.3 µg/L (monitoring well A-1-CW05). Similar to the WT HSUs, concentrations exceeding the DWNL extended

around the former Plant B-6 and A-1 areas of the BOU, with the highest concentrations detected at the former Plant A-1-S.

- Total chromium was detected in 65 of the samples, 2 of which exceeded the MCL (50 µg/L). Concentrations in the WT HSUs ranged from 1.05 J (A-1-CW03R) to 82.9 µg/L (monitoring well C-1-CW07). One sample from the eastern portion of the BOU near the former Weber Aircraft facility and one sample near former Plant C-1 had concentrations detected exceeding the MCL. Concentrations in the B HSU ranged from 0.600 µg/L (monitoring well C-1-CW02 to 7.85 µg/L (3872S). No concentrations were detected that exceeded the MCL.
- Hexavalent Chromium was detected in 58 samples, 5 of which exceeded the MCL (10 µg/L). Concentrations in the WT HSUs range from 0.010 µg/L µg/L (monitoring well A-1-CW03R) to 20 µg/L (monitoring well B-1-CW17). Four of the 5 samples that exceeded the MCL are located in the central to southern portions of former Plant B-1. The other sample that exceeded the MCL is located immediately outside of the northeastern boundary of the BOU. Concentrations in the B HSU ranged from 0.021 µg/L (monitoring well 3850R) to 7.9 µg/L (monitoring well 3872S). No concentrations were detected above the MCL.

8.4 STATISTICAL TREND ANALYSES

Statistical trend analyses were conducted using chemical data from the 65 monitoring wells sampled during the second quarter 2017 BOU groundwater monitoring event. The analysis was performed for the six primary chemicals of concern: PCE, TCE, 1,2,3-TCP, 1,4-dioxane, total chromium, and hexavalent chromium. Therefore, a total of 390 trends were tested. The MAROS, developed by the Air Force Center for Environmental Excellence (Air Force Center for Environmental Excellence, 2006), was used for the analyses. The MAROS is a statistical database application developed to assist with groundwater quality data trend analysis and long-term monitoring optimization at contaminated groundwater sites. BOU data from first quarter 1996 to second quarter 2017 were analyzed.

Statistical analysis indicated that for various reasons (insufficient data, no statistical trend, or no detections), a significant trend could not be determined for 43% of the datasets that were tested, particularly for 1,2,3-TCP, 1,4-dioxane, total chromium, and hexavalent chromium. Statistical analysis also indicated that 29% of the datasets had decreasing or probably decreasing concentration trends, 17% were stable, and 11% had increasing concentration trends. The trend analysis showed that those trends that were significant were generally small. Over half of the decreasing concentrations trends were for TCE and PCE concentrations, scattered throughout the BOU; about half of the stable trends were for total chromium and hexavalent chromium concentrations; and 1,2,3-TCP and 1,4-dioxane concentrations upgradient of the BOU extraction wells in the former Plant B-6 area are generally increasing. With the exception of the increasing 1,2,3-TCP trend in

monitoring wells 3852M and 3872L, all monitoring wells with increasing trends for one or more of the compounds of concern are upgradient of the BOU extraction wells or within the area captured by the extraction wells. The magnitude of the changes in concentration of 1,2,3-TCP in monitoring wells 3852M and 3872L are small (0.016 µg/L/yr and 0.006 µg/L/yr, respectively).

8.5 CAPTURE ZONE EVALUATION

Several lines of evidence were examined to evaluate the extent of capture resulting from the BOU extraction system and assess the effectiveness of the system in hydraulically containing the various chemical of concern plumes within the BOU. The lines of evidence included the following:

- The operational data from the extraction system indicated that groundwater is being extracted and that VOC mass is still being removed from the aquifer.
- Vertical hydraulic gradients indicated that pumping from the WT HSUs is inducing or increasing upward vertical gradients between the B HSU and the WT HSUs.
- The WT-HSU potentiometric map developed from the groundwater level measurements supports that the BOU extraction wells capture groundwater across most of the BOU north of Vanowen Street and south of the extraction wells toward Chandler Boulevard and Wyoming and West Allan Avenue.
- The TIN for the WT HSUs were developed from the same data as the potentiometric maps. The TIN supports that capture from the BOU extraction wells extends south to approximately West Allan and Wyoming Avenue in the central-western portion of the BOU and Chandler Boulevard in the eastern portion of the BOU.
- The trend analysis for the eight downgradient performance monitoring wells yielded the following results: insufficient data (none), decreasing (16 results), increasing (2 results), no trend (14 results), probably decreasing (3 results), probably increasing (none), stable (8 results), and ND (5 results). The two increasing trends (1,2,3-TCP in monitoring wells 3852M and 3872L) had a limited data set (at least five analyses from each well from 2007 to 2017) and the magnitude of the change was small.

The lines of evidence suggest that the BOU extraction system exerts hydraulic control on the plumes originating from the BOU and it extends to near West Allan and Wyoming Avenue in the central-western portion of the BOU and Chandler Boulevard in the eastern portion of the BOU, and the extraction system inhibits the migration of site-related chemicals of concern.

8.6 BURBANK OPERABLE UNIT EXTRACTION SYSTEM PERFORMANCE

Based on the data from the BOU monthly operation reports for the current reporting period (May 2016 through April 2017), an estimated 3,129,230,274 gallons of groundwater was extracted (average extraction rate of 5,937 gallons per minute) and approximately 3,697 pounds of volatile organic compounds (VOCs) were treated by the Burbank Operable Unit (BOU) treatment system. Per the 1997 Explanation of Significant Difference (USEPA, 1997), the USEPA contends that:

> The City of Burbank can substantially accept and has committed to accept, an average of 9,000 gpm from the interim remedy facilities.
>
> Due to elimination of reinjection from the project, the Burbank OU groundwater extraction rate will not be a continuous 9,000 gpm. The instantaneous extraction rate will fluctuate with the City of Burbank's water demand. In recognition of the likelihood that it will not be possible to extract groundwater at a rate of 9,000 gpm, twenty-four hours a day, three hundred and sixty-five days a year, EPA is specifying that the new extraction rate will be achieved as an average rate, not an instantaneous rate.
>
> EPA has also decided to suspend the 9,000 gpm extraction rate requirement during times when nitrate levels in the extracted groundwater exceed 50 mg/L as nitrate.

Multiple lines of evidence suggest that at current extraction rates the BOU extraction system exerts hydraulic control in the WT HSUs that extends to near to near West Allan and Wyoming Avenue in the central-western portion of the BOU and Chandler Boulevard in the eastern portion of the BOU, and inhibits the migration of site-related chemicals of concern. The upward hydraulic gradient (potentially pulling contaminant mass from the B HSU to the WT HSUs) exhibited in much of the southern portion of the BOU inhibits the migration of site-related chemicals of concern, where present, in the deeper HSU.

The *Revised Operational Sampling Plan* (Tetra Tech, 2017b) states the following:

> The Record of Decision for the Burbank Operable Unit was signed in June 1989. An Explanation of Significant Difference was signed in November 1990 and a second Explanation of Significant Difference was signed in February 1997. The selected remedy

addressed the volatile organic compound- contaminated groundwater plume in the Burbank area. As described in the Record of Decision and Explanations of Significant Differences, the interim remedial action selected for the Burbank Operable Unit was designed to achieve two objectives:

1. To partially control the movement and spread of groundwater contaminants in the Burbank Operable Unit area, while contributing to aquifer restoration

2. To address the public health threat posed by contamination of the City of Burbank's public water supply wells by providing residents in the area with a water supply that meets State and Federal drinking water standards.

Based on the data and the analyses presented in this report, Tetra Tech concludes that the first objective of the remedial action is being met. While the BOU extraction system produces groundwater that is treated and deliver for consumption, water quality data from the treatment plant was not presented or reviewed as part of this report and therefore the second objective cannot be discussed as part of this report.

8.7 RECOMMENDATIONS

The following recommendations are proposed for the BOU groundwater monitoring program:

- Implement the repairs identified during the monitoring well inspections.
- Continue performing the monitoring well inspections annually.
- Install and sample the replacement monitoring well for 3860H (as described in the *Work Plan – Well Installation and Replacement* (Tetra Tech, 2016d).
- Evaluate a replacement monitoring well for A-1-CW07.
- Reduce the transducer recording frequency. Currently, transducers record data in 15-minute increments. Recommend changing the frequency to record data every 6 hours.
- Remove transducer from B-6-CW17 and evaluate placement nearby well.

SECTION 9
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TABLES

Table 1
Wells Scheduled for Low-Flow Sampling
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, California

Well ID	Casing Diameter (inches)	Proposed Pump Composition	April 2017 Depth to Groundwater (feet btoc)	Total Depth of Well (feet btoc)	Selected Depth of Pump Intake (feet btoc)
3830Q	5	PVC	235.16	235.16	344.5
3830S	5	PVC	235.31	235.31	250.5
3831Q	5	PVC	198.30	198.30	239.5
3850M	5	PVC	228.15	228.15	226.5
3850N	5	PVC	203.31	203.31	209.5
3850R	5	PVC	198.35	198.35	341.5
3850U	5	PVC	228.25	228.25	228.5
3851M	5	PVC	191.19	191.19	207.2
3851N	5	PVC	184.37	190.49	314.5
3852F	5	PVC	142.77	148.03	166.6
3852H	5	PVC	146.25	149.65	291.0
3852L	5	PVC	156.93	164.95	173.1
3852M	5	PVC	132.62	136.91	217.5
3852N	5	PVC	137.32	137.94	292.5
3860J	5	PVC	197.06	203.34	204.5
3860K	5	Stainless Steel	204.45	212.21	224.5
3861D	5	PVC	157.67	164.20	174.5
3862D	5	PVC	127.27	133.36	183.5
3862E	5	PVC	124.68	130.38	270.5
3871H	5	PVC	131.22	138.19	220.0
3871J	5	PVC	127.26	132.80	278.5
3872L	5	PVC	105.09	110.68	174.5
3872M	5	PVC	100.88	106.58	296.0
3872N	5	Stainless Steel	102.68	108.49	133.5
3872Q	5	PVC	114.70	120.81	127.5
3872S	5	PVC	111.32	117.30	284.5
3880	5	PVC	151.50	157.24	164.5
4949C	5	PVC	258.59	268.00	266.5
A-1-CW02	5	PVC	216.20	222.80	354.5
A-1-CW03R	5	PVC	219.75	226.96	264.5
A-1-CW04	5	PVC	211.19	217.52	232.4
A-1-CW05	5	PVC	209.70	216.18	365.5

Table 1
Wells Scheduled for Low-Flow Sampling
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, California

Well ID	Casing Diameter (inches)	Proposed Pump Composition	April 2017 Depth to Groundwater (feet btoc)	Total Depth of Well (feet btoc)	Selected Depth of Pump Intake (feet btoc)
A-1-CW08	5	PVC	217.86	226.60	229.5
A-1-CW09	5	PVC	209.92	217.67	221.5
B-1-CW11	5	PVC	144.80	150.40	322.0
B-1-CW12	5	PVC	151.22	155.58	164.5
B-1-CW17	5	PVC	135.64	140.51	157.3
B-1-CW20	5	PVC	134.75	140.55	294.5
B-1-CW25	5	PVC	178.16	185.95	184.5
B-1-CW27	5	PVC	172.68	178.36	323.5
B-1-CW28	5	PVC	185.4	191.69	335.5
B-1-CW29	5	PVC	165.43	Dry Well	165.5
B-5-CW02	5	PVC	226.37	232.6	344.5
B-5-CW03	5	PVC	226.07	Dry Well	225.5
B-6-CW02	5	PVC	227.02	234.04	334.5
B-6-CW14	5	PVC	232.58	240.76	354.5
B-6-CW17	5	PVC	266.63	Dry Well	264.5
C-1-CW02	5	PVC	264.23	270.59	386.5
C-1-CW03	5	PVC	264.43	271.01	274.5
C-1-CW05	5	PVC	246.39	251.71	380.5
C-1-CW06	5	PVC	Dry	Dry Well	246.5
C-1-CW07	5	PVC	256.78	264.71	312

Notes: bgs = below ground surface
btoc = below top of casing

Table 2
Second Quarter 2017 Groundwater Well Maintenance Table

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Well ID	Street Address	Property Description	Property Owner	Wells With Transducer	Wells With Nitrogen Well Packers	Dedicated Pump Type	Dedicated High-Volume Pump Model	Dedicated Low-Flow Pump Model	Depth of Low-Flow Pump Intake *(feet bgs)*	Total Depth *(feet bgs)*	Screen Interval *(feet bgs)*	Well Repairs to Date	Notes	Proposed Maintenance
3830Q	Clybourn Ave. south of Vanowen Street	Sidewalk						BESST P200	344.5	360	335 - 355	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3830R	Clybourn Ave. south of Vanowen Street	Sidewalk				•	1 HP / 230 V			316	291 - 311			
3830S	Clybourn Ave. south of Vanowen Street	Sidewalk						BESST P200	250.5	263	218 - 258	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3831Q	Clybourn Ave north of W. Victory Blvd.	Sidewalk						BESST P200	239.5	255	230-250	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		2017: Repair apron surrounding well monument. Low priority, complete in near future.
3850M	Winona Ave. east of N Ontario Street	Burbank Water and Power Yard	Burbank Public Works					BESST P200	226.5	237	182 - 232	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Notify property owner/tenant 24 hours prior to arrival. Nomex shirt and hard hat required.	
3850N	Vanowen Street west of N. Ontario Street	Street						BESST P200	209.5	220	165 - 215	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Traffic control required	
3850P	Vanowen Street west of N. Ontario Street	Street				•	3/4 HP / 230 V			256	231 - 251		Traffic control required	
3850Q	Vanowen Street west of N. Ontario Street	Street				•	1 HP / 230 V			322	277 - 317		Traffic control required	
3850R	Vanowen Street west of N. Ontario Street	Street						BESST P200	341.5	352	337 - 347	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Traffic control required	
3850S	Thornton Avenue east of N. Niagra St.	Street				•	1/2 HP / 230 V			238	183 - 233		Missing 230V plug on pump power lead	
3850T	N. Ontario Street north of Burton Ave.	Street				•	1/2 HP / 230 V			244	194 - 239		Traffic control required	
3850U	N. Ontario Street south of Winona Ave.	Street						BESST P200	228.5	239	189 - 234	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Traffic control required	
3850V	N. California Street cul de sac	Street		•		•	1/2 HP / 230 V			248	203 - 243			
3850W	N. Ontario Street north of Floyd	Street				•	1/2 HP / 230 V			245	200 - 240			
3851M	N. Hollywood Way parking lot of BOU	Parking Lot	City of Burbank	•				BESST P200	207.2	220	165 - 215	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3851N	N. Hollywood Way parking lot of BOU	Parking Lot	City of Burbank	•				BESST P200	314.5	330	305 - 325	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3851P	N. Hollywood Way parking lot of BOU	Parking Lot	City of Burbank			•	1 HP / 230 V			385	370 - 380			
3852F	N Avon Street south of Burbank Blvd.	Sidewalk						BESST P200	166.6	185	125 - 175	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3852G	N Avon Street south of Burbank Blvd.	Sidewalk				•	1/2 HP / 230 V			221	196 - 216			
3852H	N Avon Street south of Burbank Blvd.	Sidewalk						BESST P200	291	304	269 - 299	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3852J	Lima Street east sw at grammar school	Sidewalk		Barologger		•	1/2 HP / 230V			282	257 - 277		Pump plug needs rewiring	
3852K	Lima Street east sw at grammar school	Sidewalk				•	3/4 HP / 230 V			238	213 - 233			
3852L	Lima Street east sw at grammar school	Sidewalk		•				BESST P200	173.1	184	139 - 179	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3852M	N. Catalina Street north of Chandler Blvd.	Sidewalk						BESST P200	217.5	233	208 - 228	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3852N	N. Catalina Street north of Chandler Blvd.	Sidewalk						BESST P200	292.5	308	283 - 303	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3860J	Lincoln Street and Rosita Ave	Street	City of Burbank					BESST P200	204.5	215	170 - 210	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3860K	N. Naomi Ave Fire Department	LA Fire Station	Los Angeles County					BESST P200	224.49	235	180 - 230	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Notify property owner/tenant 24 hours prior to arrival	
3861D				•				BESST P200	174.5	185	130 - 180	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3861E						•	3/4 HP / 230 V			248	201 - 241	2014: Obstruction removed from well		
3861F				•				QED	314	328	303 - 323	2016: High-volume pump removed and low-flow pump installed 2017: Replaced well gasket; replaced interior well tag; replaced bolts.		
3862C						•	1/2 HP / 230 V			135	90 - 130	2006: Pump serviced - January 26, 2006		
3862D				•				BESST P200	183.5	199	174 - 194	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3862E								BESST P200	270.5	281	256 - 276	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3870D	Irving Dr. at Kaeler St							QED	182.5	195	140 - 190	2016: Low-flow pump installed 2017: replaced interior well tag		

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3870E	Irving Dr. at Kaeler St									520	475 - 515		No pump	
3871G						•	1/2 HP / 230 V			140	95 - 135	2005: Pump serviced - November 22, 2005		
3871H				•				BESST P200	220	246	200 - 241	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3871J								BESST P200	278.5	289	274 - 284	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3872K								BESST P200	174.5	125	70 - 120	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3872L						•	1/2 HP / 230 V			195	160 - 190			
3872M								BESST P200	296	309	274 - 304	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3872N								BESST P200	133.5	149	124 - 144	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3872P							1/2 HP / 230 V			254	229 - 249			
3872Q								BESST P200	127.5	138	93 - 133	2016: Ant colony cleared 2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3872R							1/2 HP / 230 V			228	193 - 223	2017: Surveyed		
3872S								BESST P200	284.5	300	275 - 295	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
3880	Amherst Drive south of N 3rd Street	Sidewalk		•				BESST P200	164.5	175	120 - 170	2014: Well developed on 3/27/14 2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
4948	Along San Fernando Road	Railroad right-of-way	SCRRA / Metrolink					QED	291.5	302	247 - 297	2012-2013: Pump removed 2016: low-flow pump installed 2017: replaced well gasket; replaced interior well tag; replaced bolts.	Located in railroad ROW	
4949C	Along San Fernando Road	Railroad right-of-way	SCRRA / Metrolink					BESST P200	266.5	277	222 - 272	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Located in railroad ROW. Pump not functioning (2016)	
A-1-CW01						•	1.0 HP / 230V			570	560 - 570			
A-1-CW02	Located in VSP airport parking lot	Private Parking Lot						BESST P200	354.5	362	350 - 360	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Notify property owner/tenant prior to arrival	
A-1-CW03	Located in VSP airport parking lot	Private Parking Lot				•	1/2 HP / 230 V			200	175 - 195		Generally dry	
A-1-CW03R	Located in VSP airport parking lot							BESST P200	264.5	285	245 - 285	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Notify property owner/tenant prior to arrival	
A-1-CW04		Private Parking Lot	LA Graphic Company	•				BESST P200	232.4	245	200 - 240	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Provide 2-day notice (prefers email contact) to property owner/tenant prior to arrival	
A-1-CW05	2220 N. Hollywood Way, Burbank, CA	Airport Budget Car Rental Parking Lot	Budget Car Rental Company	•				BESST P200	365.5	381	336 - 376	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
A-1-CW06						•	1/2 HP / 115 V			557	522 - 552			
A-1-CW07	Located in Yahoo parking lot	Yahoo Parking Lot	Yahoo							229	174 - 224	2014 Well developed and pump removed April 2014 2016: well redeveloped 2017: Well dry; replaced well box; replaced interior well tag. Used magnet to clear metal debris in well.	Unable to get to water table because of debris/obstruction. Well has likely collapsed.	2017: Recommend abandonment and replacement of well.
A-1-CW08	Bob Hope Airport	Airport Parking Lot C	City of Burbank					BESST P200	229.5	240	175 - 235	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Provide 2-day notice to property owner/tenant prior to arrival.	
A-1-CW09								BESST P200	221.5	232	187 - 227	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		2017: Apron surrounding well monument may need to be repaired. Low priority, complete in near future.
B-1-CW11				•				BESST P200	322	335	300 - 330	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
B-1-CW12				•				BESST P200	164.5	175	120 - 170	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
B-1-CW13	Located in Kid's Castle parking lot	Kid's Castle Parking Lot	Kid's Castle	•				•	205.5	215	150 - 210	2014: Well developed April 2014; pump removed April 2014; low-flow pump installed 2016; Replaced well gasket; replaced interior well tag; replaced bolts.		
B-1-CW16	Located in Disney Parking lot	Disney Parking Lot	The Walt Disney Co.			•	1/2 HP / 230 V			195	140 - 190	2005: Pump serviced - November 29, 2005	Pump is potentially bad	
B-1-CW17	Located in Costco parking lot	Costco Parking Lot	Costco	•				BESST P200	157.3	170	125 - 165	2017: Installed low-flow pump; replaced interior well tag; replaced bolts (penta-bolts).	Traffic control required	2017: Requires larger gasket replacement due to size of manhole cover. Replace with new gasket before April 2018 monitoring event.
B-1-CW20		Dirt Lot		•				BESST P200	294.5	310	285 - 305	2017: Installed low-flow pump; replaced interior well tag; replaced bolts (penta-bolts).		2017: Requires larger gasket replacement due to size of manhole cover. Replace with new gasket before April 2018 monitoring event.

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Well ID	Street Address	Property Description	Property Owner	Wells With Transducer	Wells With Nitrogen Well Packers	Dedicated Pump Type	Dedicated High-Volume Pump Model	Dedicated Low-Flow Pump Model	Depth of Low-Flow Pump Intake *(feet bgs)*	Total Depth *(feet bgs)*	Screen Interval *(feet bgs)*	Well Repairs to Date	Notes	Proposed Maintenance
B-1-CW25	Within the line of production wells on Vanowen Street	Street	City of Burbank	•				BESST P200	184.5	195	150 - 190	2017: Installed low-flow pump; placed well gasket; placed interior well tag.		2017: Replace lid. Current lid does not have holes to bolt lid onto the monument. Replace lid and add gasket before April 2018 monitoring event
B-1-CW27	Within the line of production wells on Vanowen Street	Street	City of Burbank					BESST P200	323.5	339	314 - 334	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
B-1-CW28	Located in Kid's Castle parking lot	Kid's Castle Parking Lot	Kid's Castle					BESST P200	335.5	351	326 - 346	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
B-1-CW29	100 ft NW of NW corner of building (City size well lid)	Hometown Buffet Parking Lot						BESST P200	165.5	176	131 - 171	2017: Replaced interior well tag. Pump not placed because well is dry.	City size well lid, 100 ft NW of Hometown Buffet; traffic control required	2017: Requires larger gasket replacement due to size of manhole cover. Replace with new gasket before April 2018 monitoring event.
B-1-CW30								QED	183	196	156 - 196		2016: well installed.	
B-1-CW31								QED	188.5	205	165 - 206		2016: well installed.	
B-1-CW32								QED	163.6	180	140 - 180		2016: well installed.	
B-1-CW33								QED	204	218	179 - 219		2016: well installed.	
B-1-CW34								QED	169	185	145 - 185		2016: well installed.	
B-5-CW01	4400 block of Empire Avenue	Southwest Parking Lot	Union Pacific			•	1 1/2 HP / 230 V			552	542 - 552			
B-5-CW02	4400 block of Empire Avenue	Southwest Parking Lot	Union Pacific	•				BESST P200	344.5	350	340 - 350	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	10/13/12- AEC installed combo lock: 1717 to access with big trailer.	
B-5-CW03	4400 block of Empire Avenue	Southwest Parking Lot	Union Pacific	•				BESST P200	225.5	231	211 - 231	2012: Drop pipe repaired 2017: eplaced well gasket; replaced interior well tag; replaced bolts.Pump not placed because well was dry.		
B-6-CW01						•	1 1/2 HP / 230 V			590	580 - 590			
B-6-CW02				•				BESST P200	334.5	340	330 - 340	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
B-6-CW03						•	1/2 HP / 230 V			215	185 - 215		Generally dry	
B-6-CW03R	Located in a trucking/movie parking lot (Spots 187 and 241)	Trucking/Movie Parking Lot				•	1/2 HP / 230 V			265	240 - 260	2005: Pump serviced - November 23, 2005	Pump requires 230V extension cord for sampling. No starter box required	
B-6-CW04						•	2 HP / 230 V			520	510 - 520		Notify property owner/tenant 24 hours prior to access	
B-6-CW05		Commercial - Ford Property	Ford					•	349.5	355	345 - 355	2016: Low-flow pump installed 2017: Replaced well gasket; replaced interior well tag; replaced bolts.	Notify property owner/tenant 24 hours prior to access	
B-6-CW06		Commercial - Ford Property	Ford			•	1/2 HP / 230 V			235	215 - 235		Notify property owner/tenant 24 hours prior to access	
B-6-CW07						•	1 1/2 HP / 230V			502	492 - 502			
B-6-CW08	Bob Hope Airport	Private Parking Lot						•	366	371	361 - 371	2016: Pump removed and low-flow pump installed 2017: replaced well gasket; replaced interior well tag; replaced bolts.		
B-6-CW09	Bob Hope Airport	Private Parking Lot				•	1/2 HP / 230 V			262	242 - 262			2017: Apron surrounding well monument may need to be repaired. Low priority, complete in near future.
B-6-CW10	Bob Hope Airport	Airport Parking Lot A						•	249	258	203 - 253	2014: Obstruction removed April 2014 2016: low-flow pump installed 2017: replaced well gasket; replaced interior well tag; replaced bolts.	Notify property owner/tenant 24 hours prior to access	
B-6-CW14	Bob Hope Airport	Airport Parking Lot A						BESST P200	354.5	370	325 - 365	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Notify property owner/tenant 24 hours prior to access.	
B-6-CW15						•	3/4 HP / 230 V			615	560 - 610			
B-6-CW16										265	210 - 260		No pump	

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B-6-CW17		Private Parking Lot; between stall 187 & 241		•				BESST P200	264.5	275	240 - 270	2017: placed interior well tag; Pump not placed because well was dry.		
C-1-CW01						•	2 HP / 230 V							
C-1-CW02		Private Parking Lot		•				BESST P200	386.5	392	382 - 392	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Notify property owner/tenant 24 to 48 hours prior to access	
C-1-CW03		Private Parking Lot						BESST P200	274.5	280	259 - 280	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).	Notify property owner/tenant 24 hours prior to access	
C-1-CW04						•	2 HP / 230 V			662	652 - 662			
C-1-CW05								BESST P200	380.5	386	376 - 386	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
C-1-CW06								BESST P200	246.5	248	232 - 252	2017: replaced well gasket; replaced interior well tag; replaced bolts (penta bolts). Pump not placed because well was dry.		
C-1-CW07	Bob Hope Airport	Atlantic Charter Planes	Burbank Regional Airport Authority					BESST P200	312	336	290 - 320	2017: Installed low-flow pump; replaced well gasket; replaced interior well tag; replaced bolts (penta-bolts).		
C-1-CW08	Bob Hope Airport	Atlantic Charter Planes	Burbank Regional Airport Authority					•	277	292	245 - 285	2015: Pump removed 2016: low-flow pump installed 2017: Replaced well gasket; replaced interior well tag; replaced bolts.		
MW-01	3003 North Hollywood Way, Burbank, CA	Commercial	General Electric (formerly PAC site)							242	180 - 240		No pump; padlock combination 6752; generally dry	
MW-02	3003 North Hollywood Way, Burbank, CA	Commercial	General Electric (formerly PAC site)							242	180 - 240		No pump; padlock combination 6752; generally dry	
MW-03	3003 North Hollywood Way, Burbank, CA	Commercial	General Electric (formerly PAC site)					•	267	283	220 - 280	2014: Well developed and pump removed 2016: low-flow pump installed	Padlock combination 6752; generally dry	
MW-04	2940 North Hollywood Way, Burbank, CA	Commercial	General Electric (formerly PAC site)					•	255	265	200 - 260	2016: Low-flow pump installed 2017: Surveyed.		
MW-05	2940 North Hollywood Way, Burbank, CA	Commercial	General Electric (formerly PAC site)							270	205 - 265	Surveyed 2017	No pump	
MW-06	2940 North Hollywood Way, Burbank, CA	Commercial	General Electric (formerly PAC site)							265	200 - 260	Surveyed 2017	No pump	
MW-07	2840 North Hollywood Way, Burbank, CA	Commercial - Within Kino Flo property	General Electric (formerly PAC site)					•	250	260	195 - 255	Low-flow pump installed 2016	Notify property owner/tenant 48 hours prior to access. Tenant prefers morning sampling.	
MW-08	2840 North Hollywood Way, Burbank, CA	Commercial - Within Kino Flo property	General Electric (formerly PAC site)					•	243.5	260	195 - 255	Low-flow pump installed 2016	Notify property owner/tenant 48 hours prior to access. Tenant prefers morning sampling.	
SW-1								•		267	207 - 237 242 - 262	2016: Well developed 2017: Surveyed		2017: Need to repair cap. Repair cap prior to April 2018 monitoring event.
SW-5								•		258	196 - 226 231 - 251	2016: Well developed 2017: Surveyed		
Tt-PW-01	Located S. curbside on Kittridge Street at Buena Vista	Street	City of Burbank							235	185 - 225	2017: Added well tag	Traffic control required. No Pump.	
Tt-PW-02	Located W. curbside on Lincoln Street at Burbank Blvd	Street	City of Burbank	•						235	179 - 219	2017: Added well tag	Traffic control required. No Pump.	
OW-VO1A					•					330	76 - 263	2017: Abandonded		
OW-VO1B					•					330	301 - 325	2017: Abandonded		
OW-VO1AR										325	140 - 250	2017: Installed and developed		2017: Install transducer prior to April 2018 monitoring event.
OW-VO1BR										325	300 - 325	2017: Installed and developed		
OW-VO2A										330	92 - 264	2017: Abandonded		
OW-VO2B										330	303 - 322	2017: Abandonded		
OW-VO2AR										320	150 - 260	2017: Installed and developed		2017: Install transducer prior to April 2018 monitoring event.
OW-VO2BR										320	305 - 350	2017: Installed and developed		

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OW-VO3A					•					340	79 - 271	2017: Abandonded		
OW-VO3B					•					340	310 - 329	2017: Abandonded		
OW-VO3AR										335	160 - 270	2017: Installed and developed		2017: Install transducer prior to April 2018 monitoring event.
OW-VO3BR										335	315 - 335	2017: Installed and developed		
OW-VO4A										360	110 - 282			2017: Install transducer prior to April 2018 monitoring event.
OW-VO4B										360	320 - 350			
OW-VO5A	Located on Vanowen Street	Street	City of Burbank		•					370	110 - 283		Traffic control required	2017: Install transducer prior to April 2018 monitoring event.
OW-VO5B	Located on Vanowen Street	Street	City of Burbank		•					370	321 - 360		Traffic control required	
OW-VO6A	Located on Vanowen Street	Street	City of Burbank		•					360	120 - 273	Concrete apron surrounding manhole repaired; replaced packer.	Traffic control required	2017: Install transducer prior to April 2018 monitoring event.
OW-VO6B	Located on Vanowen Street	Street	City of Burbank		•					360	312 - 350	Concrete apron surrounding manhole repaired; replaced packer.	Traffic control required	
OW-VO7A	Located on Vanowen Street	Street	City of Burbank		•					360	120 - 273		Traffic control required	2017: Install transducer prior to April 2018 monitoring event.
OW-VO7B	Located on Vanowen Street	Street	City of Burbank		•					360	312 - 350		Traffic control required	
OW-VO8A	Located in Burbank Fire Department Training Facility Yard	Burbank FD Yard	Burbank FD		•					345	170-280		Key to gate on west side of the facility (Ontario St.) is available for check out at the BOU treatment facility.	2017: Install transducer prior to April 2018 monitoring event.
OW-VO8B	Located in Burbank Fire Department Training Facility Yard	Burbank FD Yard	Burbank FD		•					345	325-345			

NOTES:
Historical information included in this matrix is a collaboration of information provided by Lockheed Martin, dated 9/14/11 and information obtained from the United States Environmental Protection Agency San Fernando Valley database.
bgs = below ground surface
btoc = below top of casing
EPA = ENVIRONMENTAL PROTECTION AGENCY
HP = horsepower
NA = NOT APPLICABLE
NR = NON-ROUTINE
O = OPERATIONAL MONITORING WELL
HSU = ydrostratigraphic unit
OSP = Operational Sampling Plan
PAC = Pacific Airmotive Corporation
WELL
R = ROUTINE MONITORING WELL
SVOC = SEMI-VOLATILE ORGANIC COMPOUND
TCP = TRICHLOROPROPANE
TDS = TOTAL DISSOLVED SOLIDS
SCRRA = Southern CaliforniaRegional Rail Authority
V = volt
VOC = VOLATILE ORGANIC COMPOUND
WB =CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD REQUIRED WELL
WT = water table
X = OPERATIONAL SAMPLING PLAN

Table 3
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Burbank Operable Unit, Burbank, California

Well ID	Screened HSU	Screened Interval (feet bgs)	Date Measured	Time Measured	Well Casing Elevation (feet MSL)	Depth to Groundwater (feet btoc)	Groundwater Elevation (feet MSL)
3830Q	B	335 - 355	4/18/2017	15:01	702.56	235.16	467.40
3830S	X/A (WT)	218 - 258	4/18/2017	15:10	702.37	235.31	467.06
3831Q	A (WT)	230 - 250	4/18/2017	10:22	660.31	198.30	462.01
3850M	X (WT)	182 - 232	4/20/2017	10:02	684.67	228.15	456.52
3850N	X (WT)	165 - 215	4/20/2017	11:11	658.07	203.31	454.76
3850Q	Y	277 - 317	4/20/2017	11:13	655.87	198.88	456.99
3850R	B	337 - 347	4/20/2017	11:14	657.49	198.35	459.14
3850S	A'/X (WT)	183 - 233	NA	NA	668.04	NA	NA
3850T	A'/X (WT)	194 - 239	4/19/2017	14:28	680.30	224.58	455.72
3850U	A'/X (WT)	189 - 234	4/19/2017	14:14	684.83	228.25	456.58
3850V	A'/X (WT)	203 - 243	4/18/2017	9:55	693.20	233.75	459.45
3850W	A'/X (WT)	200 - 240	4/18/2017	13:43	693.01	233.45	459.56
3851M	X/A (WT)	165 - 215	4/19/2017	10:12	650.35	191.19	459.16
3851N	B	305 - 325	4/19/2017	10:09	650.10	190.49	459.61
3852F	X (WT)	125 - 175	4/18/2017	10:01	607.65	148.03	459.62
3852G	A (WT)	196 - 216	4/18/2017	10:34	607.85	147.71	460.14
3852H	B	269 - 299	4/18/2017	10:10	607.93	149.65	458.28
3852L	X (WT)	139 - 179	4/18/2017	9:45	623.05	164.95	458.10
3852M	A (WT)	208 - 228	4/18/2017	9:15	593.45	136.91	456.54
3852N	B	283 - 303	4/18/2017	9:21	593.47	137.94	455.53
3860J	X (WT)	170 - 210	4/18/2017	8:01	660.22	203.34	456.88
3860K	A'/X (WT)	180 - 230	4/18/2017	10:28	667.57	212.21	455.36
3861D	X (WT)	130 - 180	4/19/2017	9:40	617.88	164.20	453.68
3861E	A (WT)	201 - 241	4/19/2017	9:44	615.96	163.60	452.36
3861F	B	303 - 323	4/19/2017	9:37	617.46	159.94	457.52
3862D	A (WT)	174 - 194	4/18/2017	8:31	587.50	133.36	454.14
3862E	B	256 - 276	4/18/2017	8:35	587.35	130.38	456.97
3870D	K (WT)	140 - 190	4/18/2017	7:47	639.78	169.28	470.50
3871H	A (WT)	200 - 241	4/18/2017	8:46	591.34	138.19	453.15
3871J	B	274 - 284	4/18/2017	8:52	591.14	132.80	458.34
3872L	A (WT)	160 - 190	4/18/2017	8:08	562.68	110.68	452.00
3872M	B/OA	274 - 304	4/18/2017	8:12	564.35	106.58	457.77
3872N	X (WT)	124 - 144	4/18/2017	8:20	560.77	108.49	452.28
3872Q	A' (WT)	93 - 133	4/18/2017	7:49	575.25	120.81	454.44
3872R	A (WT)	193 - 223	4/18/2017	7:54	575.00	120.87	454.13
3872S	B	275 - 295	4/18/2017	7:57	574.95	117.30	457.65
3880	K (WT)	120 - 170	4/18/2017	7:35	620.06	157.24	462.82
4948	A/Y (WT)	247 - 297	4/19/2017	7:22	763.46	291.49	471.97

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4949C	A (WT)	222 - 272	4/19/2017	7:30	733.32	268.00	465.32
A-1-CW02	B	350 - 360	4/19/2017	10:45	684.64	222.80	461.84
A-1-CW03R	A (WT)	245 - 285	4/19/2017	10:42	685.09	226.96	458.13
A-1-CW04	A (WT)	200 - 240	4/19/2017	14:03	677.81	217.52	460.29
A-1-CW05	B	336 - 376	4/19/2017	14:14	677.91	216.18	461.73
A-1-CW07	X (WT)	174 - 224	4/19/2017	14:45	674.35	Dry Well	TD 210.54
A-1-CW08	X (WT)	175 - 235	4/19/2017	14:35	682.74	226.60	456.14
A-1-CW09	X (WT)	187 - 227	4/18/2017	12:17	673.80	217.67	456.13
B-1-CW11	B	300 - 330	4/19/2017	7:37	610.05	150.40	459.65
B-1-CW12	A' (WT)	120 - 170	4/19/2017	7:35	609.85	155.58	454.27
B-1-CW13	X (WT)	150 - 210	4/20/2017	8:17	651.49	200.05	451.44
B-1-CW16	A' (WT)	140 - 190	4/19/2017	10:29	639.07	186.94	452.13
B-1-CW17	A'/X (WT)	125 - 165	4/19/2017	9:09	596.35	140.51	455.84
B-1-CW20	B	285 - 305	4/19/2017	9:21	600.23	140.55	459.68
B-1-CW25	A' (WT)	150 - 190	4/19/2017	8:20	636.54	185.95	450.59
B-1-CW27	B	314 - 334	4/19/2017	8:16	636.93	178.36	458.57
B-1-CW28	B	326 - 346	4/20/2017	8:30	650.15	191.69	458.46
B-1-CW29	A' (WT)	131 - 171	4/19/2017	7:57	623.12	Dry Well	171.65
B-1-CW30	A' (WT)	156 - 196	4/19/2017	7:51	622.10	169.80	452.30
B-1-CW31	A' (WT)	165 - 205	4/19/2017	7:44	620.89	170.59	450.30
B-1-CW32	A' (WT)	139 - 179	4/19/2017	9:14	602.92	148.16	454.76
B-1-CW33	A' (WT)	178 - 218	4/19/2017	8:07	639.96	189.80	450.16
B-1-CW34	A' (WT)	144 - 184	4/19/2017	7:30	609.47	154.32	455.15
B-5-CW02	B	340 - 350	4/18/2017	14:32	697.67	232.60	465.07
B-5-CW03	A (WT)	211 - 231	4/18/2017	14:40	697.26	Dry Well	TD 228.35
B-6-CW02	B	330 - 340	4/18/2017	10:06	699.99	234.04	465.95
B-6-CW05	B	345 - 355	4/18/2017	13:23	725.42	258.07	467.35
B-6-CW08	B	361 - 371	4/19/2017	12:56	727.06	259.90	467.16
B-6-CW09	X/A (WT)	242 - 262	4/19/2017	12:59	727.04	Dry Well	TD 257.95
B-6-CW10	X (WT)	203 - 253	4/19/2017	15:06	710.11	247.00	463.11
B-6-CW14	B	325 - 365	4/19/2017	14:08	704.79	240.76	464.03
B-6-CW16	X/A (WT)	210 - 260	4/18/2017	14:00	714.62	250.78	463.84
B-6-CW17	A/Y (WT)	240 - 270	4/19/2017	13:31	742.39	Dry Well	NA
C-1-CW02	B	382 - 392	4/18/2017	12:57	740.07	270.59	469.48
C-1-CW03	A (WT)	259 - 280	4/18/2017	13:00	740.39	271.01	469.38
C-1-CW05	B	376 - 386	4/18/2017	12:31	720.87	251.71	469.16
C-1-CW06	A (WT)	232 - 252	4/18/2017	12:40	720.91	Dry Well	TD 247.12
C-1-CW07	Y (WT)	290 - 320	4/19/2017	9:39	729.74	264.71	465.03

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C-1-CW08	A (WT)	245 - 285	4/19/2017	9:30	731.72	264.40	467.32
MW-01	A'/X (WT)	180 - 240	4/18/2017	9:01	719.39	Dry Well	TD 240.25
MW-02	A'/X (WT)	180 - 240	4/18/2017	8:55	720.05	Dry Well	TD 238.71
MW-03	X/A (WT)	220 - 280	4/18/2017	8:45	720.63	257.09	463.54
MW-04	X/A (WT)	200 - 260	4/18/2017	9:27	702.29	240.90	461.39
MW-05	X/A (WT)	205 - 265	4/18/2017	9:09	705.34	243.04	462.30
MW-06	X/A (WT)	200 - 260	4/18/2017	9:15	705.67	Dry Well	TD 241.04
MW-07	X/A (WT)	195 - 255	4/18/2017	9:44	698.00	237.82	460.18
MW-08	X/A (WT)	195 - 255	4/18/2017	9:34	702.95	243.26	459.69
OW-VO1A-R	WT	140 - 250	4/19/2017	8:03	619.15	167.62	451.53
OW-VO1B-R	B	300 - 325	4/19/2017	8:57	619.13	162.48	456.65
OW-VO2A-R	WT	150 - 260	4/19/2017	8:43	622.82	179.15	443.67
OW-VO2B-R	B	305 - 320	4/19/2017	8:47	622.84	164.71	458.13
OW-VO3A-R	WT	160 - 270	4/19/2017	8:27	627.12	176.72	450.40
OW-VO3B-R	B	315 - 335	4/19/2017	8:30	627.14	169.19	457.95
OW-VO4A	WT	110 - 282	4/20/2017	8:52	639.72	185.85	453.87
OW-VO4B	B	320 - 350	4/20/2017	8:55	639.66	182.23	457.43
OW-VO5A	WT	110 - 283	4/20/2017	11:03	645.68	199.13	446.55
OW-VO5B	B	321 - 360	4/20/2017	11:04	645.61	188.40	457.21
OW-VO6A	WT	120 - 273	4/20/2017	11;10	656.45	202.23	454.22
OW-VO6B	B	312 - 350	4/20/2017	11:09	656.38	197.72	458.66
OW-VO7A	WT	120 - 273	4/20/2017	11:19	668.65	211.99	456.66
OW-VO7B	B	312 - 350	4/20/2017	11:25	668.86	209.95	458.91
OW-VO8A	WT	170 - 280	4/19/2017	9:55	645.70	192.61	453.09
OW-VO8B	B	325 - 345	4/19/2017	9:08	645.67	191.44	454.23
Tt-PW-01	A	185 - 225	4/20/2017	11:31	611.96	156.66	455.30
Tt-PW-02	A	179 - 219	4/20/2017	11:48	603.18	147.45	455.73
SW-1	X/A (WT)	207 - 237 242 - 262	4/18/2017	8:15	714.71	244.75	469.96
SW-5	X/A/Y (WT)	196 - 226 231 - 251	4/18/2017	8:27	694.59	235.37	459.22

Notes:

A = A hydrostratigraphic unit
A' = A' hydrostratigraphic unit
B = B hydrostratigraphic unit
btoc = below top of casing
HSU = hydrostratigraphic unit
MSL - mean sea level
OA = older alluvium
NA = not available
WT = water table
X = X hydrostratigraphic unit
Y = Y hydrostratigraphic unit

Table 4
Second Quarter 2016 Sampling Matrix

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Well ID	HSU	October Water Level Wells	April Water Level Wells	*Laboratory Analyses*					Identified in Draft 2014 OSP for Time v. Concentration Evaluation
				VOCs (USEPA Method 8260B)	1,2,3-TCP (USEPA Method 8260B SIM)	Hexavalent Chromium (USEPA Method 218.6)	Total Chromium (USEPA Methods 6010B)	1,4-Dioxane (USEPA Method 8270C[M] Isotope Dilution)	
3830Q	B		●	X	X	X	X	X	
3830R	Y (WT)								
3830S	X/A (WT)		●	X	X	X	X	X	
3831Q	A (WT)	●	●	X	X	X	X	X	Potential trending of TCE plume; BOU boundary
3850M	X (WT)		●	X	X	X	X	X	
3850N	X (WT)		●	X	X	X	X	X	Potential trending of TCE plume; near pumping zone
3850P	A (WT)								
3850Q	Y (WT)		●						
3850R	B	●	●	X	X	X	X	X	
3850S	A'/X (WT)		●						
3850T	A'/X (WT)		●						
3850U	A'/X (WT)		●	X	X	X	X	X	
3850V	A'/X (WT)	● T	● T						
3850W	A'/X (WT)		●						
3851M	X/A (WT)	● T	● T	X	X	X	X	X	
3851N	B	● T	● T	X	X	X	X	X	
3851P	OA								
3852F	X (WT)		●	X	X	X	X	X	
3852G	A (WT)	●	●						
3852H	B	●	●	X	X	X	X	X	
3852J	Y (WT)								
3852K	A (WT)								
3852L	X (WT)	● T	● T	X	X	X	X	X	Capture zone boundary
3852M	A (WT)	●	●	X	X	X	X	X	
3852N	B	●	●	X	X	X	X	X	
3860J	X (WT)		●	X	X	X	X	X	

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Well ID	HSU	October Water Level Wells	April Water Level Wells	*Laboratory Analyses*					Identified in Draft 2014 OSP for Time v. Concentration Evaluation
				VOCs (USEPA Method 8260B)	1,2,3-TCP (USEPA Method 8260B SIM)	Hexavalent Chromium (USEPA Method 218.6)	Total Chromium (USEPA Methods 6010B)	1,4-Dioxane (USEPA Method 8270C[M] Isotope Dilution)	
3860K	A'/X (WT)		●	X	X	X	X	X	
3861D	X (WT)	● T	● T	X	X	X	X	X	Capture zone evaluation
3861E	A (WT)		●						
3861F	B	● T	● T	X	X	X	X	X	
3862C	A' (WT)								
3862D	A (WT)	●	●	X	X	X	X	X	Increasing TCE and PCE trends
3862E	B	●	●	X	X	X	X	X	
3870D	K (WT)		●	X	X	X	X	X	
3870E	K								
3871G	A' (WT)								
3871H	A (WT)	● T	● T	X	X	X	X	X	Increasing TCE and PCE trends
3871J	B		●	X	X	X	X	X	
3872K	A' (WT)	●							
3872L	A (WT)		●	X	X	X	X	X	
3872M	B/OA	●	●	X	X	X	X	X	
3872N	X (WT)		●	X	X	X	X	X	
3872P	Y (WT)								
3872Q	A' (WT)	●	●	X	X	X	X	X	
3872R	A (WT)		●						
3872S	B	●	●	X	X	X	X	X	
3880	K (WT)	● T	● T	X	X	X	X	X	
4948	A/Y (WT)		●	X	X	X	X	X	
4949C	A (WT)		●	X	X	X	X	X	
A-1-CW01	OA								
A-1-CW02	B		●	X	X	X	X	X	

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				VOCs (USEPA Method 8260B)	1,2,3-TCP (USEPA Method 8260B SIM)	Hexavalent Chromium (USEPA Method 218.6)	Total Chromium (USEPA Methods 6010B)	1,4-Dioxane (USEPA Method 8270C[M] Isotope Dilution)	
A-1-CW03	X (WT)								
A-1-CW03R	A (WT)		●	X	X	X	X	X	
A-1-CW04	A (WT)	● T	● T	X	X	X	X	X	
A-1-CW05	B	● T	● T	X	X	X	X	X	
A-1-CW06	OA								
A-1-CW07	X (WT)		●	X	X	X	X	X	Elevated COC concentrations and upgradient capture zone evaluation
A-1-CW08	X (WT)		●	X	X	X	X	X	
A-1-CW09	X (WT)	●	●	X	X	X	X	X	Cross-gradient capture zone analysis
B-1-CW11	B	● T	● T	X	X	X	X	X	
B-1-CW12	A' (WT)	● T	● T	X	X	X	X	X	Elevated COC concentrations and adjacent to pumping zone
B-1-CW13	X (WT)	● T	● T	X	X	X	X	X	
B-1-CW16	A'/X (WT)		●						
B-1-CW17	A'/X (WT)	● T	● T	X	X	X	X	X	Elevated COC concentrations and hydraulic capture
B-1-CW20	B	● T	● T	X	X	X	X	X	
B-1-CW25	A' (WT)	● T	● T	X	X	X	X	X	Elevated COC concentrations and adjacent to pumping zone
B-1-CW27	B	●	●	X	X	X	X	X	
B-1-CW28	B	●	●	X	X	X	X	X	
B-1-CW29	A' (WT)		●	X	X	X	X	X	Elevated COC concentrations and upgradient capture zone evaluation
B-1-CW30	A' (WT)		●	X	X	X	X	X	
B-1-CW31	A' (WT)		●	X	X	X	X	X	
B-1-CW32	A' (WT)		●	X	X	X	X	X	
B-1-CW33	A' (WT)		●	X	X	X	X	X	
B-1-CW34	A' (WT)		●	X	X	X	X	X	
B-5-CW01	OA								
B-5-CW02	B	● T	● T	X	X	X	X	X	
B-5-CW03	A (WT)	● T	● T	X	X	X	X	X	1,2,3-TCP trend and cross gradient capture zone

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				VOCs (USEPA Method 8260B)	1,2,3-TCP (USEPA Method 8260B SIM)	Hexavalent Chromium (USEPA Method 218.6)	Total Chromium (USEPA Methods 6010B)	1,4-Dioxane (USEPA Method 8270C[M] Isotope Dilution)	
B-6-CW01	OA								
B-6-CW02	B	● T	● T	X	X	X	X	X	
B-6-CW03	X (WT)								
B-6-CW03R	A (WT)								
B-6-CW04	OA								
B-6-CW05	B		●	X	X	X	X	X	
B-6-CW06	X (WT)								
B-6-CW07	OA								
B-6-CW08	B		●	X	X	X	X	X	
B-6-CW09	X/A (WT)		●						
B-6-CW10	X (WT)		●	X	X	X	X	X	
B-6-CW14	B		●	X	X	X	X	X	
B-6-CW15	OA								
B-6-CW16	X/A (WT)		●	X	X	X	X	X	
B-6-CW17	A/Y (WT)	● T	● T	X	X	X	X	X	
C-1-CW01	OA								
C-1-CW02	B	● T	● T	X	X	X	X	X	
C-1-CW03	A (WT)		●	X	X	X	X	X	
C-1-CW04	OA								
C-1-CW05	B		●	X	X	X	X	X	
C-1-CW06	A (WT)		●	X	X	X	X	X	Elevated TCE concentrations and western BOU boundary
C-1-CW07	Y (WT)		●	X	X	X	X	X	Chromium detections and upgradient capture evaluation
C-1-CW08	A (WT)		●	X	X	X	X	X	Chromium detections and upgradient capture evaluation
MW-01	A'/X (WT)		●	X	X	X	X	X	Elevated COC concentrations and potential mass flux zone
MW-02	A'/X (WT)								
MW-03	X/A (WT)		●	X	X	X	X	X	
MW-04	X/A (WT)		●	X	X	X	X	X	
MW-05	X/A (WT)		●						

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Well ID	HSU	October Water Level Wells	April Water Level Wells	*Laboratory Analyses*					Identified in Draft 2014 OSP for Time v. Concentration Evaluation
				VOCs (USEPA Method 8260B)	1,2,3-TCP (USEPA Method 8260B SIM)	Hexavalent Chromium (USEPA Method 218.6)	Total Chromium (USEPA Methods 6010B)	1,4-Dioxane (USEPA Method 8270C[M] Isotope Dilution)	
MW-06	X/A (WT)		●						
MW-07	X/A (WT)		●	X	X	X	X	X	
MW-08	X/A (WT)		●	X	X	X	X	X	
SW-1	X/A (WT)		●	X	X	X	X	X	
SW-5	X/A/Y (WT)		●	X	X	X	X	X	
Tt-PW-01	A (WT)		●						
Tt-PW-02	A (WT)	● T	● T						

Notes:
B = B hydrostratigraphic unit
BOU = Burbank Operable Unit
COC = chemical of concern
HSU = hydrostratigraphic unit
PCE = tetrachloroethene
T = well with transducer
TCE - trichloroethene
TCP = trichloropropane
VOCs = volatile organic compounds
USEPA = United States Environmental Protection Agency
WT = water table
?? = screened HSU information not available

Table 5
Second Quarter 2017 Groundwater Analytical Data

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Burbank Operable Unit, Burbank, CA

Sampling Location	Screened HSU	Sample Date	Chromium, Total	Hexavalent Chromium	Acetone	Bromo-dichloro-methane	Methyl-tert-butyl-ether	Carbon Tetra-chloride	Chloro-form	Dichloro-difluoro-methane	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	1,2-Dichloro-propane	Naphthalene	Tetrachloro-ethene	Toluene	1,1,2-Trichloro-1,2,2-Trifluoro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene	Trichloro-fluoro-methane	1,2,3-Trichloro-propane	1,4-Dioxane
All results are reported in µg/L unless otherwise stated.																									
3830Q	B	4/4/2017	0.770 Jq	0.19	<4.0	<0.20	<0.20	<0.20	<0.20	0.78 Jq	0.62	<0.20	<0.28	0.51	<0.20	<0.40	0.50	<0.20	<0.24	<0.20	<0.20	<0.29	<0.20	<0.0025	<0.28
3830S	X/A (WT)	4/4/2017	4.03	0.93	<16	<0.80	1.6 Jq	<0.80	1.4 Jq	<1.6	<0.80	<0.80	<1.1	<0.80	<0.80	<1.6	2.9	<0.80	<0.96	<0.80	<0.80	**85**	<0.80	<0.0025	<0.28
3831Q	A (WT)	4/4/2017	21.3	<0.0099	<4.0	<0.20	<0.20	0.28 Jq	0.66	<0.40	0.21 Jq	<0.20	<0.28	0.40 Jq	<0.20	<0.40	1.2	<0.20	<0.24	<0.20	<0.20	**9.2**	<0.20	**0.011**	<0.28
3850M	X (WT)	Not sampled																							
3850N	X (WT)	4/13/2017	10.1	9.0	<4.0	<0.20	<0.20	**1.8**	3.2	<0.40	<0.20	0.38 Jq	0.87	0.26 Jq	0.21 Jq	<0.40	**13**	<0.20	0.27 Jq	<0.20	0.43 Jq	**19**	<0.20	**0.56 J-c**	<0.28
3850R	B	4/13/2017	0.850 Jq	0.021	<8.0	<0.40	<0.40	<0.40	<0.40	<0.80	<0.40	<0.40	<0.56	0.58 Jq	<0.40	<0.80	**48**	<0.40	<0.48	<0.40	<0.40	**7.8**	<0.40	**0.0074**	<0.28
3850U	A'/X (WT)	4/25/2017	9.19	0.87	<4.0	<0.20	<0.20	0.35 Jq	1.5	<0.40	<0.20	0.44 Jq	**6.9**	0.35 Jq	<0.20	<0.40	**27**	<0.20	4.9	0.23 Jq	<0.20	**19**	<0.20	**1.6 Jc**	**1.4**
3851M	X/A (WT)	4/3/2017	3.03	1.9	<9.2 Uk	<0.20	<0.20	**0.53**	0.62	<0.40	<0.20	<0.20	0.57	0.24 Jq	<0.20	<0.40	2.2	0.35 Jq	<0.24	<0.20	<0.20	**12**	<0.20	**0.057**	<0.28
3851N	B	4/4/2017	1.72	1.2	5.7 Jq	<0.20	<0.20	<0.20	<0.20	1.2	0.28 Jq	<0.20	<0.28	<0.20	<0.20	<0.40	0.67	<0.20	<0.24	<0.20	<0.20	0.56	<0.20	<0.0025	<0.28
3852F	X (WT)	4/12/2017	3.15	2.7	<4.0	0.20 Jq	<0.20	0.44 Jq	0.51	1.1	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	1.0	<0.20	<0.24	<0.20	<0.20	0.58	<0.20	**0.027**	**1.5**
3852H	B	4/12/2017	2.32	1.1	<4.0	<0.20	<0.20	**1.6**	6.9	0.91 Jq	<0.20	**2.1**	<0.28	<0.20	<0.20	<0.40	1.5	<0.20	<0.24	<0.20	0.29 Jq	**7.2**	<0.20	**0.29**	<0.28
3852L	X (WT)	4/5/2017	4.48	1.8	4.5 Jq	<0.20	<0.20	0.28 Jq	0.46 Jq	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	<0.20	<0.20	<0.24	<0.20	<0.20	1.3	<0.20	**0.032**	<0.28
3852M	A (WT)	4/3/2017	1.53 Jf	0.63	<5.4 UJk, f	<0.20	<0.20	**1.2**	1.5	<0.40	<0.20	**1.0**	0.69	<0.20 UJf	<0.20	<0.40	**8.8**	<0.20	<0.24	<0.20	0.25 Jq	**12**	<0.20	**0.21**	<0.28
3852N	B	4/3/2017	3.22	2.5	<7.4 Uk	<0.20	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	3.8	<0.20	<0.24	<0.20	<0.20	2.6	<0.20	<0.0025	<0.28
3860J	X (WT)	Not sampled																							
3860K	A'/X (WT)	4/4/2017	3.44	1.9	<40	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	**17**	2.3 Jq	<2.0	<4.0	**200**	<2.0	8.5	<2.0	<2.0	**210**	<2.0	**32**	<0.28
3861D	X (WT)	4/7/2017	8.94	6.8	4.1 Jq	<0.20	<0.20	0.41 Jq	1.2	7.1	<0.20	<0.20	<0.28	0.21 Jq	<0.20	<0.40	**24**	0.41 Jq	<0.24	<0.20	<0.20	**160 J-c**	<0.20	**0.0056**	<0.28
3861F	B	4/7/2017	5.56	4.9	7.2 Jq	<0.20	<0.20	<0.20	0.39 Jq	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	**7.0**	<0.20	<0.24	<0.20	<0.20	4.1	<0.20	0.0045 Jq	<0.28
3862D	A (WT)	4/5/2017	9.01	8.5	<8.0	<0.40	<0.40	**1.1**	0.89 Jq	1.5 Jq	<0.40	<0.40	<0.56	<0.40	<0.40	<0.80	**14**	<0.40	<0.48	<0.40	<0.40	**89**	<0.40	**0.023**	<0.28
3862E	B	4/10/2017	1.66	1.0	<4.0	<0.20	<0.20	0.40 Jq	0.29 Jq	0.87 Jq	<0.20	<0.20	0.58	0.21 Jq	<0.20	<0.40	**15**	<0.20	<0.24	<0.20	<0.20	**32**	<0.20	**0.013**	<0.28
3870D	K (WT)	4/5/2017	18.6	**17**	<4.0	<0.20	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	<0.20	<0.20	<0.24	<0.20	<0.20	<0.29	<0.20	<0.0025	<0.28
3871H	A (WT)	4/7/2017	11.4	9.6	<32	<1.6	<1.6	<1.6	<1.6	<3.2	<1.6	<1.6	<2.2	<1.6	<1.6	<3.2	**120**	<1.6	<1.9	<1.6	<1.6	**140**	<1.6	**0.084**	<0.28
3871J	B	4/7/2017	4.47	3.8	5.5 Jq	<0.20	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	0.25 Jq	<0.20	<0.24	<0.20	<0.20	<0.29	<0.20	<0.0025	<0.28
3872L	A (WT)	4/3/2017	5.90	4.4	<4.0	<0.20	<0.20	<0.20	0.59	<0.40	<0.20	<0.20	<0.28	0.23 Jq	<0.20	<0.40	**300**	<0.20	<0.24	<0.20	<0.20	**240**	<0.20	**0.095**	<0.28
3872M	B/OA	4/3/2017	4.87	4.4	<4.7 Uk	<0.20	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	3.9	<0.20	<0.24	<0.20	<0.20	2.0	<0.20	<0.0025	<0.28
3872N	X (WT)	4/3/2017	7.88	6.7	<9.3 Uk	<0.20	<0.20	<0.20	0.70	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	**310**	<0.20	<0.24	<0.20	<0.20	**120**	<0.20	**0.31**	<0.28
3872Q	A' (WT)	4/5/2017	1.26	0.68	<16	<0.80	<0.80	<0.80	<0.80	<1.6	<0.80	<0.80	<1.1	<0.80	<0.80	<1.6	**83**	<0.80	<0.96	<0.80	<0.80	**30**	<0.80	**0.045**	<0.28
3872S	B	4/5/2017	7.85	7.9	<4.0	<0.20	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	<0.20	<0.20	<0.24	<0.20	<0.20	<0.29	<0.20	<0.0025	<0.28
3880	K (WT)	4/5/2017	7.94	6.7	<4.0	<0.20	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	<0.20	<0.20	<0.24	<0.20	<0.20	<0.29	<0.20	<0.0025	<0.28
4948	A/Y (WT)	4/14/2017	5.03	0.82	<4.0	<0.20	<0.20	<0.20	0.33 Jq	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	3.8	<0.20	<0.24	<0.20	<0.20	1.3	<0.20	<0.0025	<0.28
4949C	A (WT)	Not sampled																							
A-1-CW02	B	4/11/2017	3.65	<0.0099	<4.0	<0.20	<0.20	<0.20	0.29 Jq	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	**21**	<0.20	0.41 Jq	<0.20	<0.20	4.2	<0.20	<0.0025	<0.28
A-1-CW03R	A (WT)	4/13/2017	1.05	0.010 Jq	<4.0	<0.20	<0.20	0.42 Jq	21	<0.40	<0.20	<0.20	0.45 Jq	0.46 Jq	<0.20	<0.40	**57**	<0.20	<0.24	<0.20	<0.20	**22**	<0.20	**0.63**	<0.28
A-1-CW04	A (WT)	4/10/2017	1.64	0.88	4.7 Jq	<0.20	<0.20	**0.91**	3.6	0.88 Jq	<0.20	0.42 Jq	0.76	<0.20	0.50	<0.40	**5.2**	<0.20	1.3	<0.20	**7.4**	4.8	<0.20	**25 J+c**	**2.0**
A-1-CW05	B	4/10/2017	0.622 Jq	<0.0099	<4.0 UJf	<0.20	<0.20	<0.20	<0.20	0.84 Jq	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	4.0	<0.20	<0.24	<0.20	<0.20	0.44 Jq	<0.20	<0.0025	**2.3**
A-1-CW07	X (WT)	Not sampled																							
A-1-CW08	X (WT)	4/6/2017	1.76	1.2	<8.0	<0.40	<0.40	**1.0**	30	<0.80	<0.40	<0.40	1.4	<0.40	<0.40	<0.80	**28**	<0.40	<0.48	<0.40	<0.40	**69**	<0.40	**87**	<0.28
A-1-CW09	X (WT)	4/11/2017	2.24	1.4	<4.0	<0.20	0.44 Jq	**1.1**	3.8	<0.40	<0.20	0.38 Jq	0.74	<0.20	0.52	<0.40	**5.9**	<0.20	1.9	<0.20	**7.5**	**5.9**	<0.20	**15**	**3.7**
B-1-CW11	B	4/5/2017	3.19	2.7	<4.0	<0.20	<0.20	<0.20	0.48 Jq	2.6	<0.20	0.21 Jq	<0.28	0.95	<0.20	<0.40	2.3	<0.20	<0.24	<0.20	<0.20	0.78	0.29 Jq	<0.0025	**1.0**
B-1-CW12	A' (WT)	4/4/2017	11.5	11	<4.0	<0.20	<0.20	<0.20	1.5	2.5	<0.20	<0.20	1.9	1.1	<0.20	<0.40	**5.5**	<0.20	<0.24	<0.20	<0.20	**14**	<0.20	<0.0025	<0.28
B-1-CW13	X (WT)	4/12/2017	2.76	2.0	<16	<0.80	<0.80	**3.1**	15	<1.6	<0.80	<0.80	**7.9**	<0.80	<0.80	<1.6	**100**	<0.80	5.1	<0.80	<0.80	**240**	<0.80	**13 J+c**	**2.0**
B-1-CW17	A'/X (WT)	4/4/2017	24.6	**20**	<16	<0.80	<0.80	<0.80	4.3	<1.6	<0.80	<0.80	2.9	3.2	<0.80	<1.6	**70**	<0.80	<0.96	<0.80	<0.80	**94**	<0.80	<0.0025	**2.9**
B-1-CW20	B	4/13/2017	3.46	2.1	<4.0	<0.20	<0.20	<0.20	<0.20	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	0.34 Jq	<0.20	<0.24	<0.20	<0.20	<0.29	<0.20	<0.0025	<0.28
B-1-CW25	A' (WT)	4/24/2017	8.01	3.8	4.1 Jf, q	<0.20	<0.20	<0.20	2.6	<0.40	<0.20	<0.20	0.62	<0.20	<0.20	<0.40	**72**	<0.20	0.92	<0.20	<0.20	**19**	<0.20	**0.022**	<0.28
B-1-CW27	B	4/10/2017	6.11	5.2	<4.0	<0.20	<0.20	<0.20	0.32 Jq	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	4.0	<0.20	<0.24	<0.20	<0.20	2.3	<0.20	<0.0025	<0.28
B-1-CW28	B	4/12/2017	0.983 Jq	<0.0099	<4.0	<0.20	<0.20	<0.20	0.35 Jq	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	**13**	<0.20	<0.24	<0.20	<0.20	3.2	<0.20	<0.0025	<0.28
B-1-CW29	A' (WT)	Not sampled																							
B-1-CW30	A' (WT)	4/6/2017	33.3	0.59	<40	<2.0	<2.0	<2.0	<2.0	<4.0	<2.0	<2.0	<2.8	<2.0	<2.0	<4.0	**110**	<2.0	<2.4	<2.0	<2.0	**200**	<2.0	<0.0025	<0.28
B-1-CW31	A' (WT)	4/6/2017	21.7	**16**	<8.0	<0.40	<0.40	<0.40	<0.40	<0.80	<0.40	<0.40	<0.56	<0.40	<0.40	<0.80	**55**	<0.40	<0.48	<0.40	<0.40	**47**	<0.40	<0.0025	<0.28
B-1-CW32	A' (WT)	4/5/2017	47.4	8.8	<16	<0.80	<0.80	<0.80	5.6	<1.6	<0.80	<0.80	<1.1	4.1	<0.80	<1.6	**14**	<0.80	<0.96	<0.80	<0.80	**110**	<0.80	**0.011**	<0.28
B-1-CW33	A' (WT)	4/6/2017	14.9	0.44	<80	<4.0	<4.0	<4.0	<4.0	<8.0	<4.0	<4.0	**17**	<4.0	<4.0	<8.0	**630**	<4.0	15	<4.0	<4.0	**180**	<4.0	**0.87 J-c**	**1.2**
B-1-CW34	A' (WT)	4/5/2017	32.1	**16**	<4.0	<0.20	0.23 Jq	<0.20	1.4	<0.40	<0.20	<0.20	0.50	**7.8**	<0.20	<0.40	**13**	<0.20	<0.24	<0.20	<0.20	**22**	<0.20	<0.0025	<0.28
B-5-CW02	B	4/10/2017	0.679 Jq	<0.0099	<4.0	<0.20	<0.20	<0.20	<0.20	0.91 Jq	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	0.70	<0.20	<0.24	<0.20	<0.20	<0.29	<0.20	<0.0025	<0.28

Table 5
Second Quarter 2017 Groundwater Analytical Data

2017 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

Sampling Location	Screened HSU	Sample Date	Chromium, Total	Hexavalent Chromium	Acetone	Bromo-dichloro-methane	Methyl-tert-butyl-ether	Carbon Tetra-chloride	Chloro-form	Dichloro-difluoro-methane	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	1,2-Dichloro-propane	Naphthalene	Tetrachloro-ethene	Toluene	1,1,2-Trichloro-1,2,2-Trifluoro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene	Trichloro-fluoro-methane	1,2,3-Trichloro-propane	1,4-Dioxane
All results are reported in µg/L unless otherwise stated.																									
B-5-CW03	A (WT)	Not sampled																							
B-6-CW02	B	4/6/2017	2.95	2.5	<4.0 UJf	<0.20	<0.20	<0.20	0.35 Jq	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	0.56	<0.20	<0.24	<0.20	<0.20	<0.29	<0.20	<0.0025	<0.28
B-6-CW05	B	4/11/2017	1.72	0.10	<4.0	<0.20	0.24 Jq	<0.20	0.27 Jq	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	0.20 Jq	<0.20	<0.24	<0.20	<0.20	<0.29	<0.20	<0.0025	<0.28
B-6-CW08	B	4/11/2017	0.834 Jq	0.028	<4.0	<0.20	0.24 Jq	<0.20	0.27 Jq	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	**12**	<0.20	0.43 Jq	<0.20	<0.20	3.2	<0.20	<0.0025	<0.28
B-6-CW10	X (WT)	4/24/2017	2.55	0.28	<4.0	<0.20	<0.20	**0.50**	1.7	<0.40	<0.20	<0.20	<0.28	0.35 Jq	<0.20	<0.40	**30**	<0.20	0.34 Jq	<0.20	<0.20	**13**	<0.20	**1.5 J+c**	<0.28
B-6-CW14	B	4/6/2017	1.77	1.2	4.5 Jq	<0.20	<0.20	<0.20	0.29 Jq	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	**22**	<0.20	<0.24	<0.20	<0.20	**5.1**	<0.20	<0.0025	**1.8**
B-6-CW16	X/A (WT)	4/25/2017	28.9	1.4	<4.0	<0.20	<0.20	0.46 Jq	0.84	<0.40	<0.20	<0.20	**8.4**	<0.20	<0.20	<0.40	**6.9**	<0.20	1.3	0.42 Jq	<0.20	3.9	<0.20	<0.0025	<0.28
B-6-CW17	A/Y (WT)	Not sampled																							
C-1-CW02	B	4/11/2017	0.600 Jq	<0.0099	<4.0	<0.20	<0.20	<0.20	<0.20	0.86 Jq	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	<0.20	<0.20	<0.24	<0.20	<0.20	<0.29	<0.20	<0.0025	<0.28
C-1-CW03	A (WT)	4/25/2017	2.66	0.88	<4.0	0.34 Jq	<0.20	<0.20	0.74	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	0.38 Jq	<0.20	<0.24	<0.20	<0.20	<0.29	<0.20	<0.0025	<0.28
C-1-CW05	B	4/6/2017	0.735 Jq	0.18	<4.0	<0.20	<0.20	<0.20	<0.20	1.9	1.1	<0.20	<0.28	0.30 Jq	<0.20	<0.40	0.68	<0.20	<0.24	<0.20	<0.20	0.29 Jq	<0.20	<0.0025	<0.28
C-1-CW06	A (WT)	Not sampled																							
C-1-CW07	Y (WT)	4/12/2017	**82.9**	<0.0099	<4.0	<0.20	<0.20	0.37 Jq	0.29 Jq	0.94 Jq	<0.20	<0.20	0.44 Jq	<0.20	<0.20	<0.40	3.2	<0.20	<0.24	<0.20	<0.20	0.72	<0.20	<0.0025	**2.8**
C-1-CW08	A (WT)	4/12/2017	7.57	1.1	<4.0	<0.20	<0.20	**0.52**	0.33 Jq	0.99 Jq	<0.20	<0.20	0.48 Jq	<0.20	<0.20	<0.40	1.5	<0.20	<0.24	<0.20	<0.20	0.36 Jq	<0.20	<0.0025	<0.28
MW-01	A'/X (WT)	Not sampled																							
MW-03	X/A (WT)	4/7/2017	2.97	2.7	4.1 Jq	<0.20	<0.20	**0.78**	2.6	<0.40	<0.20	0.32 Jq	**7.2**	0.25 Jq	<0.20	<0.40	**32**	<0.20	2.9	<0.20	<0.20	**12**	0.34 Jq	**0.93**	<0.28
MW-04	X/A (WT)	4/10/2017	2.49	2.2	11	<0.20	<0.20	**1.1**	1.5	<0.40	<0.20	0.22 Jq	2.5	<0.20	<0.20	0.82 Jq	**29**	<0.20	1.3	<0.20	<0.20	**21**	0.34 Jq	**0.96**	<0.28
MW-07	X/A (WT)	4/7/2017	2.62	1.9	4.0 Jq	<0.20	<0.20	0.34 Jq	1.9	<0.40	<0.20	0.23 Jq	2.9	<0.20	<0.20	<0.40	**34**	<0.20	3.9	<0.20	<0.20	**17**	<0.20	**0.60**	<0.28
MW-08	X/A (WT)	4/7/2017	2.81	2.1	6.3 Jq	<0.20	<0.20	**0.57**	4.3	<0.40	<0.20	<0.20	2.1	<0.20	<0.20	0.45 Jq	**71**	<0.20	3.4	<0.20	<0.20	**24**	<0.20	**0.93**	<0.28
SW-1	X/A (WT)	4/25/2017	6.53	5.6	<4.0	0.80	<0.20	<0.20	3.3	<0.40	<0.20	<0.20	<0.28	<0.20	<0.20	<0.40	<0.20	<0.20	<0.24	<0.20	<0.20	<0.29	<0.20	<0.0025	<0.28
SW-5	X/A/Y (WT)	4/10/2017	**57**	4.7	11 Jq	<0.40	<0.40	**0.67 Jq**	0.94 Jq	<0.80	0.60 Jq	<0.40	3.8	<0.40	<0.40	<0.80	**51**	<0.40	3.1	<0.40	<0.40	**32**	<0.40	<0.0025	<0.28
MCL/DWNL (µg/L)			50	10	--	80	13	0.5	80	1000 (1)	5	0.5	6	6	5	17 (1)	5	150	1,200	200	5	5	150	0.005 (1)	1 (1)

Notes:

Only analytes positively detected are presented in this table. For a complete list, refer to the laboratory data package.

µg/L - micrograms per liter

<# - Analyte not detected; method detection limit concentration is shown.

A = A hydrostratigraphic unit

A' = A' hydrostratigraphic unit

B = B hydrostratigraphic unit

OA = older alluvium

X = X hydrostratigraphic unit

Y = Y hydrostratigraphic unit

HSU = hydrostratigraphic unit

WT = water table

DWNL - California Department of Public Health drinking water notification level

MCL - California Department of Public Health maximum contaminant level

MDL - Method detection limit

Bold - MCL or DWNL exceeded

(1) - DWNL

"--" - MCL or DWNL not available.

J, J-, J+: - The analyte was positively identified, but the analyte concentration is an estimated value. The "J" qualifier may also be accompanied by a "+" sign or a "-"sign which indicates a positive or negative bias of the qualified result

U - The analyte was found in a field blank; the detection in the field sample is suspected as coming from cross contamination not native to the sample, and the detection level was raised and the data was qualified as not detected

UJ - Analyses were performed for the compound or analyte, but it was not detected and the sample quantitation or detection limit is an estimated quantity due to poor accuracy or precision.

c - The Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) recoveries were outside control limits

f - The duplicate samples Relative Percent Difference (RPD) was outside the control limit

p - The result was qualified based on professional judgment

q - The analyte detection was below the Practical Quantitation Limit (PQL)

k - The analyte was found in a field blank

Table 6
Second Quarter 2016 Summary of Chemicals Detected

2016 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

Organic Analytes Detected	Total Number of Samples Analyzed [1]	Total Number of Detections [1]	Number of Detections Exceeding MCL or DWNL [1]	MCL / DWNL (µg/L)	Minimum Concentration Detected (µg/L)	Maximum Concentration Detected (µg/L)
1,4-Dioxane	65	11	11	1 [2]	1.0	3.7
Acetone	65	13	0	--	4.0	11
Bromodichloromethane	65	3	0	80 [3]	0.20	0.80
Methyl tert-Butyl Ether	65	5	0	13	0.230	1.6
Carbon Tetrachloride	65	25	15	0.5	0.280	3.1
Chloroform	65	45	0	80 [3]	0.27	6.9
Dichlorodifluoromethane	65	16	0	1,000 [2]	0.78	7.1
1,1-Dichloroethane	65	5	0	5	0.21	1.1
1,2-Dichloroethane	65	10	2	0.5	0.21	2.1
1,1-Dichloroethene	65	24	6	6	0.44	17
cis-1,2-Dichloroethene	65	19	1	6	0.21	7.8
1,2-Dichloropropane	65	3	0	5	0.21	0.52
Naphthalene	65	2	0	17 [2]	0.45	0.82
Tetrachloroethene	65	59	37	5	0.20	630
Toluene	65	2	0	150	0.35	0.41
1,1,2-Trichloro-1,2,2-Trifluoro-ethane	65	17	0	1,200	0.27	8.5
1,1,1-Trichloroethane	65	2	0	200	0.23	0.42
1,1,2-Trichloroethane	65	5	2	5	0.25	7.5
Trichloroethene	65	53	35	5	0.29	240
Trichlorofluoromethane	65	3	0	150	0.29	0.34
1,2,3-Trichloropropane	65	31	30	0.005 [2]	0.0045	87
Inorganic Analytes Detected	**Total Number of Samples Analyzed [1]**	**Total Number of Detections [1]**	**Number of Detections Exceeding MCL or DWNL [1]**	**MCL / DWNL (µg/L)**	**Minimum Concentration Detected (µg/L)**	**Maximum Concentration Detected (µg/L)**
Total Chromium	65	65	2	50	0.600	82.9
Hexavalent Chromium	65	58	3	10	0.010	20.0

Notes:
DWNL - California Department of Public Health drinking water notification level
MCL - California Department of Public Health maximum contaminant level
" -- " - MCL or DWNL not established
[1] - Number of detections excludes sample duplicates, secondary stratification samples, trip blanks, and equipment blanks
[2] - DWNL
[3] - MCL for total trihalomethanes
µg/L - micrograms per liter

Table 7
Summary of Mann-Kendall Test Results

2017 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

Analyte	Wells Tested	Insufficient Data	Non-detect	No Trend	Decreasing Trend	Probably Decreasing Trend	Stable Trend	Probably Increasing Trend	Increasing Trend
1,2,3-Trichloropropane	65	5	7	32	5	2	2	3	9
1,4-Dioxane	65	5	13	12	8	3	13	5	6
Tetrachlorothene	65	5	2	5	35	2	13	0	3
Trichloroethene	65	5	3	8	35	4	8	1	1
Hexavalent Chromium	65	5	0	22	7	4	18	4	5
Total Chromium	65	5	0	35	5	5	12	1	2
Total Analysis	390	30	25	114	95	20	66	14	26

Table 8
Summary of Mann-Kendall and Linear Regression Results for Increasing Trend Wells

2017 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

Analyte:		1,2,3-Trichloropropane			1,4-Dioxane			Tetrachlorothylene			Trichloroethylene			Hexavalent Chromium			Total Chromium		
Sample Location	Screened HSU	Trend	Magnitude (%/yr)	Magnitude (µg/L/y)	Trend	Magnitude (%/yr)	Magnitude (µg/L/y)	Trend	Magnitude (%/yr)	Magnitude (µg/L/y)	Trend	Magnitude (%/yr)	Magnitude (µg/L/y)	Trend	Magnitude (%/yr)	Magnitude (µg/L/y)	Trend	Magnitude (%/yr)	Magnitude (µg/L/y)
3830S	X/A (WT)	No Trend			No Trend			Decreasing	-3.83	-0.61	Probably Increasing	3.83	2.38	No Trend			No Trend		
3850R	B	Probably Increasing	7.67	0.00062	No Trend			Increasing	2.92	3.80	Increasing	1.41	0.14	No Trend			No Trend		
3851N	B	Probably Decreasing	-10.8	-0.0013	Stable			Decreasing	-14.4	-4.18	Decreasing	-14.8	-1.32	Probably Increasing	2.19	0.01	No Trend		
3852F	X (WT)	No Trend			Probably Increasing	10.6	0.06	Stable			No Trend			No Trend			No Trend		
3852H	B	No Trend			Probably Decreasing	-3.10	-0.01	Decreasing	-2.92	-0.53	Decreasing	-2.01	-0.36	Probably Increasing	0.82	0.01	No Trend		
3852L	X (WT)	Probably Increasing	8.94	0.0080	Decreasing	-4.02	-0.01	No Trend			No Trend			No Trend			No Trend		
3852M	A (WT)	Increasing	12.4	0.016	Stable			Decreasing	-2.92	-0.93	Decreasing	-2.01	-0.42	No Trend			Probably Decreasing	-3.47	-0.14
3860K	A'/X (WT)	No Trend			Stable			Decreasing	-4.93	-182	Decreasing	-2.37	-16.4	Stable			Probably Increasing	5.48	0.22
3861F	B	No Trend			Non-detect			Decreasing	-4.56	-1.41	Decreasing	-4.02	-0.52	Probably Increasing	1.41	0.04	No Trend		
3870D	K (WT)	Non-detect			Decreasing	-17.3	-0.07	Non-detect			Non-detect			Increasing	88	8.76	No Trend		
3872L	A (WT)	Increasing	11.7	0.006	Non-detect			No Trend			No Trend			No Trend			Stable		
3872N	X (WT)	No Trend			Stable			Stable			Stable			Increasing	80	2.49	Stable		
A-1-CW04	A (WT)	Increasing	29	1.78	Stable			Decreasing	-10.6	-64	Decreasing	-9.67	-16.4	Stable			No Trend		
A-1-CW08	X (WT)	Probably Increasing	2.56	1.41	No Trend			Decreasing	-3.47	-6.24	Stable			Stable			No Trend		
A-1-CW09	X (WT)	Increasing	6.75	0.30	Increasing	9.49	0.16	Decreasing	-10.4	-32	Decreasing	-9.49	-10.4	No Trend			No Trend		
B-1-CW13	X (WT)	Increasing	5.48	0.88	Increasing	5.66	0.05	Decreasing	-6.75	-81	Decreasing	-4.75	-37	Stable			No Trend		
B-1-CW17	A'/X (WT)	No Trend			Increasing	8.94	0.09	Stable			Decreasing	-4.02	-9.23	Decreasing	-3.47	-1.28	Decreasing	-2.19	-0.90
B-1-CW28	B	No Trend			Stable			Increasing	3.65	0.91	Decreasing	-0.47	-0.02	Stable			No Trend		
B-6-CW02	B	No Trend			Non-detect			Increasing	3.29	0.02	Non-detect			Probably Increasing	4.02	0.03	Increasing	5.29	0.13
B-6-CW14	B	No Trend			Increasing	11.5	0.10	No Trend			No Trend			Stable			Probably Decreasing	-3.47	-0.10
B-6-CW16	X/A (WT)	No Trend			Stable			Decreasing	-6.75	-7.43	Decreasing	-6.39	-1.66	No Trend			Increasing	7.85	0.42
C-1-CW02	B	No Trend			Probably Increasing	4.75	0.02	Decreasing	-2.92	-0.07	Stable			No Trend			No Trend		
C-1-CW03	A (WT)	No Trend			Decreasing	-3.83	-0.05	Decreasing	-3.29	-0.29	Decreasing	-2.56	-0.02	Increasing	7.67	0.03	No Trend		
C-1-CW05	B	No Trend			Probably Increasing	1.08	0.00	Stable			No Trend			Stable			Decreasing	-4.75	-0.11
C-1-CW08	A (WT)	No Trend			Probably Increasing	4.4	0.04	Decreasing	-13.1	-8.02	Decreasing	-16.1	-1.59	Probably Decreasing	-2.92	-0.01	No Trend		
MW-03	X/A (WT)	Increasing	13.5	0.43	Increasing	7.12	0.07	Stable			Decreasing	-2.92	-0.55	No Trend			No Trend		
MW-04	X/A (WT)	Increasing	20	0.22	Probably Increasing	7.67	0.06	Stable			Decreasing	-2.92	-0.44	Increasing	3.65	0.05	Stable		
MW-07	X/A (WT)	Increasing	18.1	0.07	No Trend			Stable			Decreasing	-2.56	-0.25	No Trend			Stable		
MW-08	X/A (WT)	Increasing	15.7	0.20	Increasing	11.0	0.53	Decreasing	-3.47	-3.47	Probably Decreasing	-3.83	-1.69	Increasing	7.12	0.10	Stable		

Notes:

Shading identifies increasing and probably increasing trends

Highlighting indicates locations where the magnitude of the increasing or probably increasing trend represents greater than a 20% change per year

µg/L/yr - microgram per liter per year

%/yr - percent change per year

A - A hydrostratigraphic unit

A' - A' hydrostratigraphic unit

B - B hydrostratigraphic unit

X - X hydrostratigraphic unit

HSU - hydrostratigraphic unit

WT - water table

Table 9
Noted Changes In Concentrations in Second Quarter 2017

2017 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

Sampling Location	Screened HSU	Sample Date	Compound	Q2 2017 Concentration (µg/L)	New Maximum Concentration (Y/N)	Exceeds MCL/DWNL First Time in Two Years (Y/N)	>1.5X Increase Since Most Recently Reported Concentration and Exceeds MCL/DWNL	Comments
3851M	X/A (WT)	4/3/2017	1,2,3-TCP	**0.057**	**N**	N	**Y**	Concentration was similar in 2015 (0.053 µg/L) and the concentration in 2016 was (0.034 µg/L); trend analysis indicates the concentration are stable
3872L	A (WT)	4/3/2017	1,2,3-TCP	**0.095**	**Y**	N	**Y**	Trend analysis identified an increasing trend with a magnitude of
A-1-CW04	A (WT)	4/10/2017	1,2,3-TCP	**25**	**Y**	N	**Y**	Trend analysis identified an increasing trend with a magnitude of
A-1-CW09	X (WT)	4/11/2017	1,2,3-TCP	**15.0**	**Y**	N	N	Trend analysis identified an increasing trend with a magnitude of
B-1-CW32	A' (WT)	4/5/2017	1,2,3-TCP	**0.011**	**Y**	N	N	New well installed in late 2016, this is the second time it has been sampled; first result was 0.0086 µg/L
B-6-CW10	X (WT)	4/24/2017	1,2,3-TCP	**1.50**	**Y**	N	**Y**	Concentration in 2014 (0.981 µg/L) and the concentration was 0.485 µg/L in 2016; trend analysis indicates there is no trend
MW-08	X/A (WT)	4/7/2017	1,2,3-TCP	**0.93**	N	N	**Y**	Trend analysis identified an increasing trend with a magnitude of
3852F	X (WT)	4/12/2017	1,4-Dioxane	**1.50**	**Y**	**Y**	**Y**	This well has been tested for this compound seven times and it has been detected near the detection limits twice (0.75 µg/L in 2016 and 1.5 µg/L in 2017); trend analysis identified a probably increasing trend with a magnitude of (0.06 µg/L/yr)
A-1-CW04	A (WT)	4/10/2017	1,4-Dioxane	**2.00**	N	N	**Y**	Concentrations detected in 2014 and 2015 were very similar; trend analysis indicates the concentration are stable
A-1-CW09	X (WT)	4/11/2017	1,4-Dioxane	**3.70**	**Y**	N	**Y**	Trend analysis identified an increasing trend with a magnitude of
B-1-CW13	X (WT)	4/12/2017	1,4-Dioxane	**2.00**	**Y**	N	**Y**	Trend analysis identified an increasing trend with a magnitude of
B-1-CW17	A'/X (WT)	4/4/2017	1,4-Dioxane	**2.90**	**Y**	N	N	Trend analysis identified an increasing trend with a magnitude of
B-6-CW14	B	4/6/2017	1,4-Dioxane	**1.80**	**Y**	N	N	Trend analysis identified an increasing trend with a magnitude of
3851N	B	4/4/2017	Hex Chrome	1.20	**Y**	N	N	Trend analysis identified a probably increasing trend with a magnitude of (0.01 µg/L/yr)

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Sampling Location	Screened HSU	Sample Date	Compound	Q2 2017 Concentration (µg/L)	New Maximum Concentration (Y/N)	Exceeds MCL/DWNL First Time in Two Years (Y/N)	>1.5X Increase Since Most Recently Reported Concentration and Exceeds MCL/DWNL	Comments
3852F	X (WT)	4/12/2017	Hex Chrome	2.70	**Y**	N	N	Concentration was similar in 2013 (2.5 µg/L) and the concentration in 2016 was (1.57 µg/L); trend analysis indicates no trend
3852N	B	4/3/2017	Hex Chrome	2.50	**Y**	N	N	Concentration in 2015 was (2.1 µg/L) and the concentration in 2016 was (1.5 µg/L); trend analysis indicates no trend
3861D	X (WT)	4/7/2017	Hex Chrome	6.80	**Y**	N	N	Concentration in 2004 was (5.8 µg/L), in 2014 the concentration was (4.3 µg/L) and the concentration in 2016 was (3.03 µg/L); trend analysis indicates the concentrations are stable
3861F	B	4/7/2017	Hex Chrome	4.90	**Y**	N	N	The concentration in 2016 was (3.89 µg/L); trend analysis identified an probably increasing trend with a magnitude of (0.04 µg/L/yr)
3870D	K (WT)	4/5/2017	Hex Chrome	17.00	**Y**	N	N	The concentration in 2015 was (16.3 µg/L); trend analysis identified an increasing trend with a magnitude of (8.76 µg/L/yr)
3871H	A (WT)	4/7/2017	Hex Chrome	9.60	**Y**	N	N	Concentration in 2004 was (7.8 µg/L), in 2015 the concentration was (6.21 µg/L) and the concentration in 2016 was (2.81 µg/L); trend analysis indicates no trend
3872L	A (WT)	4/3/2017	Hex Chrome	4.40	**Y**	N	N	Concentration in 2015 the concentration was (3.78 µg/L) and the concentration in 2016 was (2.93 µg/L); trend analysis indicates no trend
3872M	B/OA	4/3/2017	Hex Chrome	4.40	**Y**	N	N	Concentration in 2015 the concentration was (3.97 µg/L) and the concentration in 2016 was (3.13 µg/L); trend analysis indicates no trend
3872N	X (WT)	4/3/2017	Hex Chrome	6.70	**Y**	N	N	Concentration in 2015 the concentration was (5.51 µg/L) and the concentration in 2016 was (2.84 µg/L); trend analysis identified an increasing trend with a magnitude of (2.49 µg/L/yr)
3872S	B	4/5/2017	Hex Chrome	7.90	**Y**	N	N	Concentration in 2007 was (7.4 µg/L), in 2015 the concentration was (6.38 µg/L) and the concentration in 2016 was (4.47 µg/L); trend analysis indicates the concentrations are stable
B-1-CW27	B	4/10/2017	Hex Chrome	5.20	**Y**	N	N	Concentration in 2006 was (4.5 µg/L) and the concentration in 2016 was (3.89 µg/L); trend analysis indicates no trend
B-1-CW31	A' (WT)	4/6/2017	Hex Chrome	**16.0**	**Y**	**Y**	**Y**	New well installed in late 2016, this is the second time it has been sampled; first result was (6.0 µg/L)

Table 9
Noted Changes In Concentrations in Second Quarter 2017

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Sampling Location	Screened HSU	Sample Date	Compound	Q2 2017 Concentration (µg/L)	New Maximum Concentration (Y/N)	Exceeds MCL/DWNL First Time in Two Years (Y/N)	>1.5X Increase Since Most Recently Reported Concentration and Exceeds MCL/DWNL	Comments
B-6-CW02	B	4/6/2017	Hex Chrome	2.50	**Y**	N	N	Trend analysis identified an probably increasing trend with a magnitude of (0.03 µg/L/yr)
C-1-CW08	A (WT)	4/12/2017	Hex Chrome	1.10	**Y**	N	N	Concentrations have been similar in the past; trend analysis identified a probably decreasing trend with a magnitude of (-0.01 µg/L/yr); trend is likely a result of past elevataed detection
3872L	A (WT)	4/3/2017	PCE	**300**	N	N	**Y**	Concentration has been an order of magnitude higher in the past; trend analysis identified no trend
B-1-CW30	A' (WT)	4/6/2017	PCE	**110**	**Y**	N	**Y**	New well installed in late 2016, this is the second time it has been sampled; first result was (54.0 µg/L)
B-1-CW31	A' (WT)	4/6/2017	PCE	**55**	**Y**	N	**Y**	New well installed in late 2016, this is the second time it has been sampled; first result was (15.0 µg/L)
B-1-CW32	A' (WT)	4/5/2017	PCE	**14.0**	**Y**	N	**Y**	New well installed in late 2016, this is the second time it has been sampled; first result was (8.5 µg/L)
B-1-CW33	A' (WT)	4/6/2017	PCE	**630**	**Y**	N	**Y**	New well installed in late 2016, this is the second time it has been sampled; first result was (390.0 µg/L)
B-1-CW34	A' (WT)	4/5/2017	PCE	**13.0**	**Y**	N	N	New well installed in late 2016, this is the second time it has been sampled; first result was (8.7 µg/L)
MW-08	X/A (WT)	4/7/2017	PCE	**71**	N	N	**Y**	Concentrations were two orders of magnitude higher in the past; concentration in 2015 was (150 µg/L); trend analysis identified a decreasing trend with a magnitude of (-3.47 µg/L/yr)
SW-5	X/A/Y (WT)	4/10/2017	PCE	**51**	N	N	**Y**	Concentrations were two orders of magnitude higher in the past; this is the third time it has been sampled in the recent past; trend analysis identified a decreasing trend with a magnitude of (-12.3 µg/L/yr)
3851M	X/A (WT)	4/3/2017	TCE	**12.0**	N	N	**Y**	Concentrations were three orders of magnitude higher in the past; concentration in 2016 was (8 ug/L); trend analysis identified a decreasing trend with a magnitude of (-2.11 µg/L/yr)
3861D	X (WT)	4/7/2017	TCE	**160**	N	N	**Y**	Concentrations were an order of magnitude higher in the past; concentration in 2014 was (604 ug/L); trend analysis identified a decreasing trend with a magnitude of (-48 µg/L/yr)

Table 9
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Sampling Location	Screened HSU	Sample Date	Compound	Q2 2017 Concentration (µg/L)	New Maximum Concentration (Y/N)	Exceeds MCL/DWNL First Time in Two Years (Y/N)	>1.5X Increase Since Most Recently Reported Concentration and Exceeds MCL/DWNL	Comments
3872L	A (WT)	4/3/2017	TCE	**240**	N	N	**Y**	Concentrations in the past were three times higher but in the recent past they have been at least three times less; trend analysis identified no trend
B-1-CW25	A' (WT)	4/24/2017	TCE	**19.0**	N	N	**Y**	Concentrations were three orders of magnitude higher in the past; concentration in 2015 was (22.6 ug/L); trend analysis identified a decreasing trend with a magnitude of (-31 µg/L/yr)
B-1-CW30	A' (WT)	4/6/2017	TCE	**200**	**Y**	N	**Y**	New well installed in late 2016, this is the second time it has been sampled; first result was (110 µg/L)
B-1-CW31	A' (WT)	4/6/2017	TCE	**47**	**Y**	N	**Y**	New well installed in late 2016, this is the second time it has been sampled; first result was (4.5 µg/L)
B-1-CW32	A' (WT)	4/5/2017	TCE	**110**	**Y**	N	**Y**	New well installed in late 2016, this is the second time it has been sampled; first result was (64 µg/L)
B-1-CW34	A' (WT)	4/5/2017	TCE	**22**	**Y**	N	N	New well installed in late 2016, this is the second time it has been sampled; first result was (17 µg/L)
C-1-CW05	B	4/6/2017	TCE	0.29	**Y**	N	N	This is the first time the compound has been detected in this well; it appears to be the result of lower detection limits
MW-04	X/A (WT)	4/10/2017	TCE	**21**	N	N	**Y**	Concentrations were similar in 2015 (19.9 µg/L), trend analysis identified a decreasing trend with a magnitude of (-0.44 µg/L/yr)
MW-07	X/A (WT)	4/7/2017	TCE	**17.0**	N	N	**Y**	Concentration in 2015 was (5.35 µg/L) and the concentration in 2016 was (4.59 µg/L); trend analysis identified a decreasing trend with a magnitude of (-0.25 µg/L/yr)
MW-08	X/A (WT)	4/7/2017	TCE	**24**	N	N	**Y**	Concentrations were an order of magnitude higher in the past; concentration in 2015 was (87 ug/L); trend analysis identified a decreasing trend with a magnitude of (-1.69 µg/L/yr)
SW-5	X/A/Y (WT)	4/10/2017	TCE	**32**	N	N	**Y**	Concentrations were an order of magnitude higher in the past; this is the third time it has been sampled in the recent past; trend analysis identified a decreasing trend with a magnitude of (-4.85 µg/L/yr)
B-1-CW32	A' (WT)	4/5/2017	Total Chrome	47	**Y**	N	N	New well installed in late 2016, this is the second time it has been sampled; first result was (40.9 µg/L)
B-6-CW16	X/A (WT)	4/25/2017	Total Chrome	29	**Y**	N	N	Concentration in 2016 (23.7 µg/L), trend analysis identified an increasing trend with a magnitude of (0.42 µg/L/yr)

Table 9
Noted Changes In Concentrations in Second Quarter 2017

2017 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

Sampling Location	Screened HSU	Sample Date	Compound	Q2 2017 Concentration (µg/L)	New Maximum Concentration (Y/N)	Exceeds MCL/DWNL First Time in Two Years (Y/N)	>1.5X Increase Since Most Recently Reported Concentration and Exceeds MCL/DWNL	Comments
C-1-CW07	Y (WT)	4/12/2017	Total Chrome	**82.9**	N	**Y**	**Y**	Concentration in 2016 (11.7 µg/L), trend analysis identified no trend

Notes: DWNL - California Department of Public Health drinking water notification level
MCL - California Department of Public Health maximum contaminant level
µg/L - micrograms per liter
µg/L/yr - micrograms per liter per year
ND - non-detect
N - no concentration is not a new maximum or does not exceed criteria identified
A - A hydrostratigraphic unit
A' - A' hydrostratigraphic unit
B - B hydrostratigraphic unit
HSU - hydrostratigraphic unit
OA - older alluvium
WT -water table
X - X hydrostratigraphic unit
Y - Y hydrostratigraphic unit
Y - Concentration does exceed criteria identified

37 3 29

Table 10
BOU Production Well Summary
(May 2016 - April 2017)

2017 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

		Total Monthly Production (gallons)									Average Extraction Rate (gallons per minute)
	Well ID	VO1	VO2	VO3	VO4	VO5	VO6	VO7	VO8	Total by Month	
2016	May	28,616,295	37,208,392	27,394,427	41,072,402	40,542,979	20,637,562	41,451,497	49,320,176	**286,243,730**	**6,412**
	June	571,681	53,445,131	24,811,787	39,301,456	37,640,906	51,694,036	20,270,469	60,314,584	**288,050,050**	**6,668**
	July	-	59,185,274	32,240,131	42,138,516	34,179,392	40,985,136	43,564,857	63,706,435	**315,999,741**	**7,079**
	August	-	60,585,079	38,791,661	38,526,405	13,019,758	61,282,842	45,196,555	65,848,687	**323,250,987**	**7,241**
	September	26,730,150	55,059,895	37,591,086	12,976,492	27,376,333	50,482,522	31,388,050	64,173,133	**305,777,661**	**7,078**
	October	34,943,823	51,271,534	21,517,247	17,017,096	54,008,821	50,470,789	7,662,822	65,959,475	**302,851,607**	**6,784**
	November	23,820,148	45,063,453	36,761,590	19,494,567	21,034,408	51,299,476	21,632,647	62,648,411	**281,754,700**	**6,522**
	December	32,955,587	47,295,508	36,525,519	38,095,851	19,804,424	54,303,409	21,728,022	3,062,537	**253,770,857**	**5,685**
2017	January	1,152,352	50,469,832	15,728,860	23,962,929	50,986,876	22,826,682	29,503,661	1,059,593	**195,690,785**	**4,384**
	February	3,817,474	29,802,263	3,048,151	25,921,324	24,685,919	30,252,631	11,931,934	44,424,476	**173,884,172**	**4,164**
	March	102,292	43,611,211	-	30,838,723	26,157,378	49,977,025	7,821,701	52,037,951	**210,546,281**	**4,717**
	April	-	42,226,358	-	27,767,266	32,980,590	28,343,824	15,323,277	44,768,388	**191,409,703**	**4,431**
	Total by Well	**152,709,802**	**575,223,930**	**274,410,459**	**357,113,027**	**382,417,784**	**512,555,934**	**297,475,492**	**577,323,846**	**3,129,230,274**	**5,937**

Table 11
BOU Mass Removal Summary
May 2016 - April 2017

2016 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

Reporting Month	Volume of Water Extracted by Month (gallons)	Average Influent Total VOCs Concentration (µg/L)	VOC Mass Removed (lbs)
May 2016	286,243,730	110.6	264.2
June 2016	288,050,050	150.1	360.7
July 2016	315,999,741	154.5	407.3
August 2016	323,250,987	147.0	396.7
September 2016	305,777,661	130.4	332.8
October 2016	302,851,607	138.0	348.8
November 2016	281,754,700	137.2	322.6
December 2016	253,770,857	184.8	391.5
January 2017	195,690,785	175.6	286.8
February 2017	173,884,172	123.6	179.4
March 2017	210,546,281	119.1	209.2
April 2017	191,409,703	123.5	197.3
TOTAL	**3,129,230,274**	**TOTAL**	**3,697**

Notes: VOCs - volatile organic compounds
lbs - pounds
µg/L - micrograms per liter

Table 12
Second Quarter 2017 Vertical Gradient Calculations

2017 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

Well ID	HSU	Surface Elevation (feet MSL)	Top of Well Screen Elevation (feet MSL)	Bottom of Well Screen Elevation (feet MSL)	April 2017		
					Groundwater Elevation (feet MSL)	Elevation of Screen Midpoint* (feet MSL)	Vertical Gradient
B-1-CW12	WT	609.85	489.85	439.85	155.58	297.72	-1.941
B-1-CW11	B	610.05	310.05	280.05	150.40	295.05	(up)
B-1-CW25	WT	636.54	486.54	446.54	185.95	316.24	-2.289
B-1-CW27	B	636.93	322.93	302.93	178.36	312.93	(up)
B-1-CW13	WT	651.49	501.49	441.49	200.05	320.77	-1.263
B-1-CW28	B	650.15	324.15	304.15	191.69	314.15	(up)
3850N	WT	658.07	493.07	443.07	203.31	323.19	-0.645
3850R	B	657.49	320.49	310.49	198.35	315.49	(up)
3861D	WT	617.88	487.88	437.88	164.20	301.04	1.245
3861F	B	617.46	314.46	294.46	159.94	304.46	(up)
3851M	WT	650.35	485.35	435.35	191.19	313.27	0.032
3851N	B	650.10	345.10	325.10	190.49	335.10	(up)
B-5-CW03	WT	697.26	486.26	466.26	228.35	347.31	-0.792
B-5-CW02	B	697.67	357.67	347.67	232.60	352.67	(up)
C-1-CW06	WT	720.91	488.91	468.91	Dry Well	NA	NA
C-1-CW05	B	720.87	344.87	334.87	251.71	339.87	
3852F	WT	607.65	482.65	432.65	148.03	290.34	-0.048
3852H	B	607.93	338.93	308.93	149.65	323.93	(down)
3852M	WT	593.45	385.45	365.45	136.91	375.45	0.014
3852N	B	593.47	310.47	290.47	137.94	300.47	(down)
3872Q	WT	575.25	482.25	442.25	120.81	281.53	0.417
3872S	B	574.95	299.95	279.95	117.30	289.95	(up)

Notes:

* = Mid water column used for WT HSU wells if the water level is below the top of the screen

A = A-zone

B = B-zone

HSU = hydrostratigraphic unit

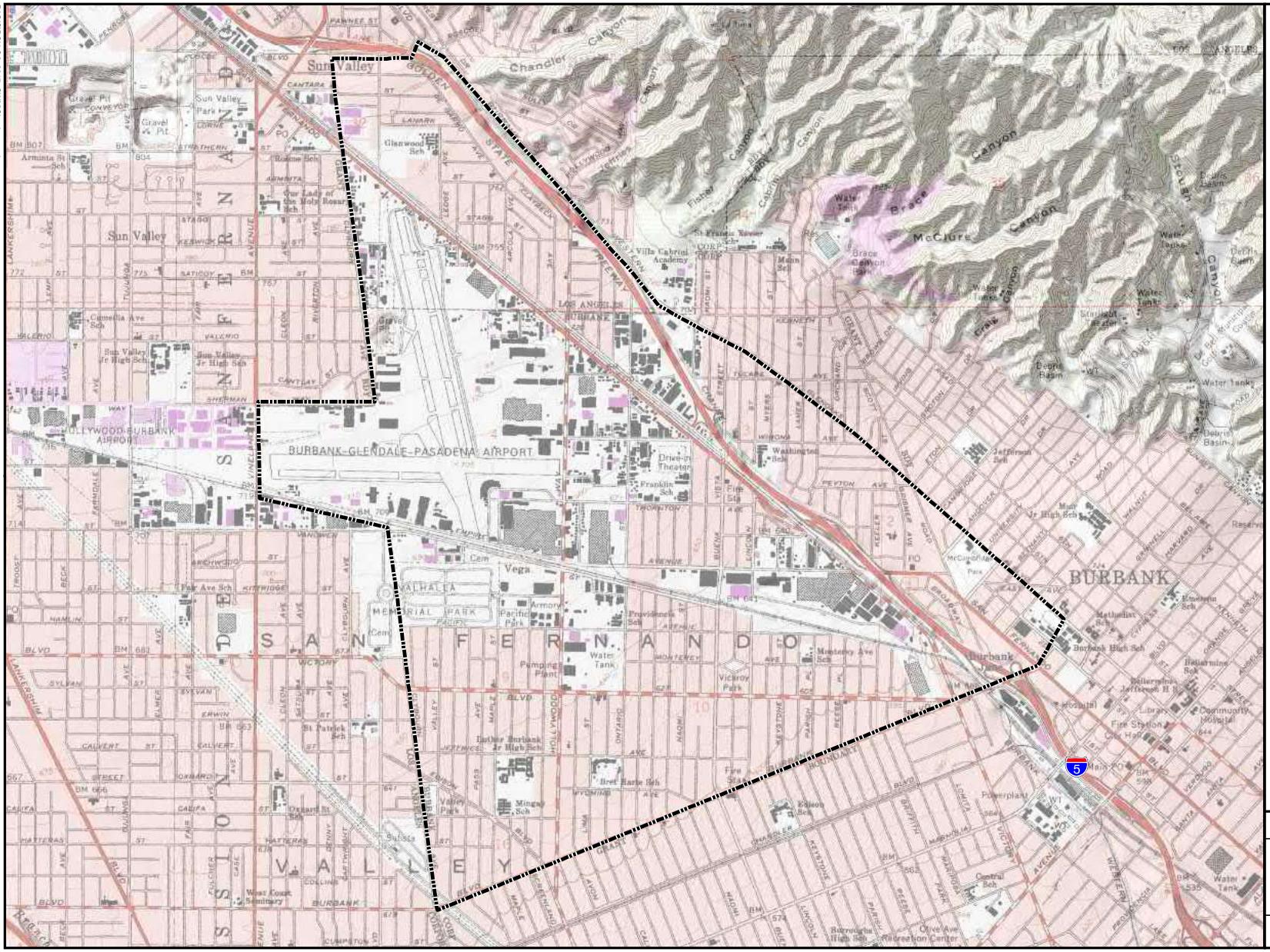
MSL = mean sea level

NA = not applicable

WT = water table

FIGURES

P:\GIS\BOU 02_2017_GWMS\Site_Loc.mxd



0 1,000 2,000 Feet

Burbank Operable Unit Boundary

Source:
USGS 7.5' topographic map, Burbank, California, 1972.
USGS 7.5' topographic map, Van Nuys, California, 1972.

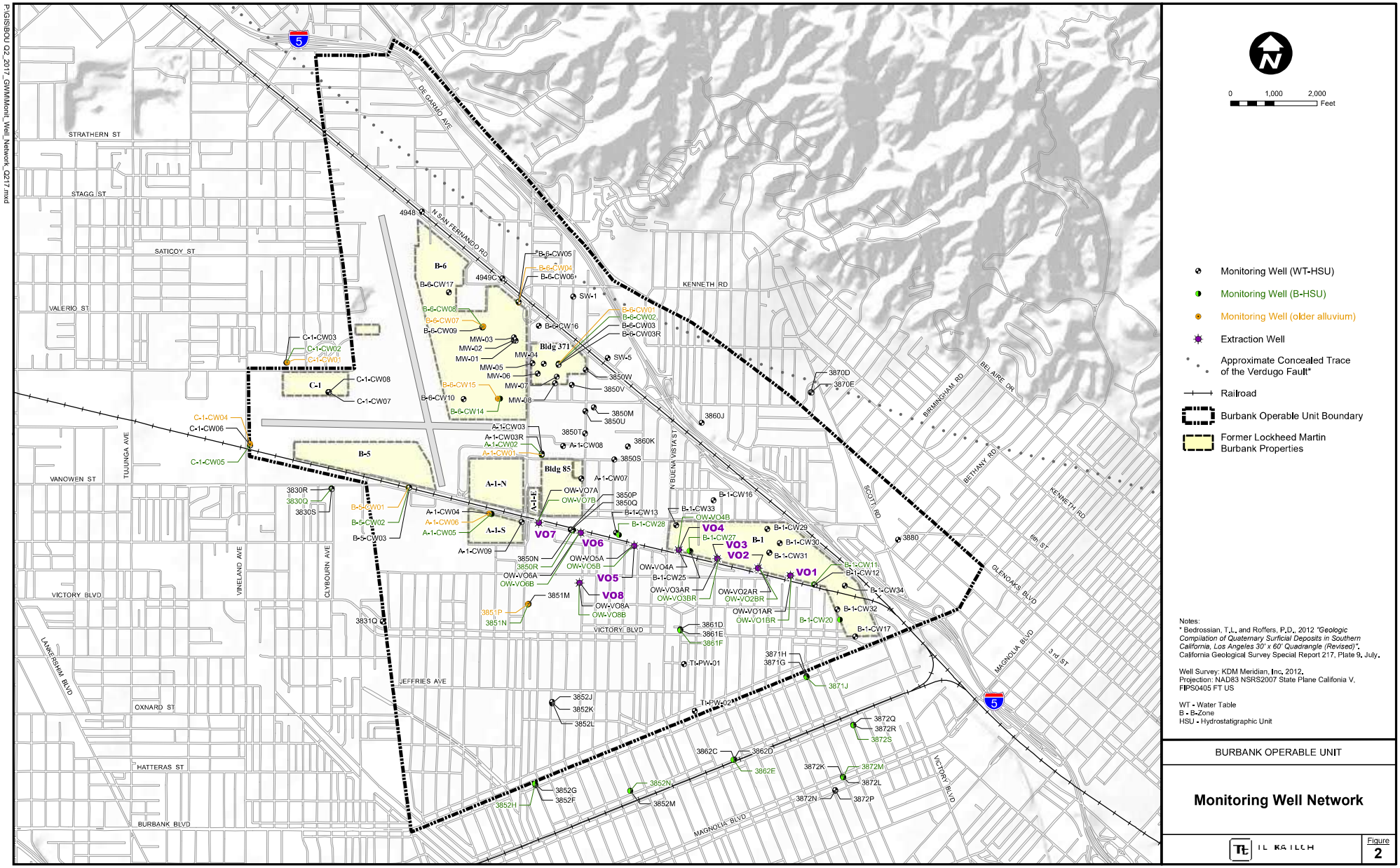


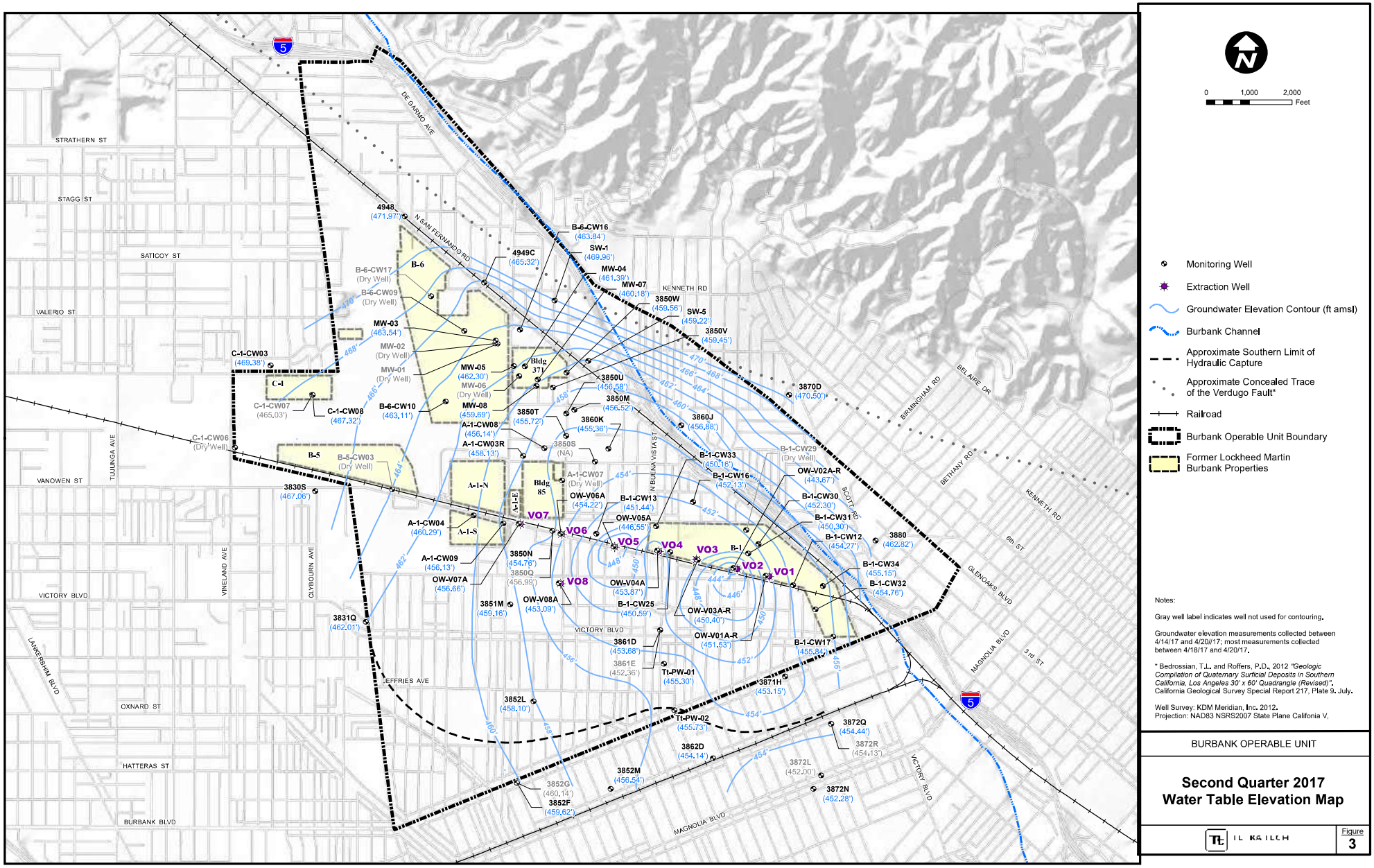
BURBANK OPERABLE UNIT

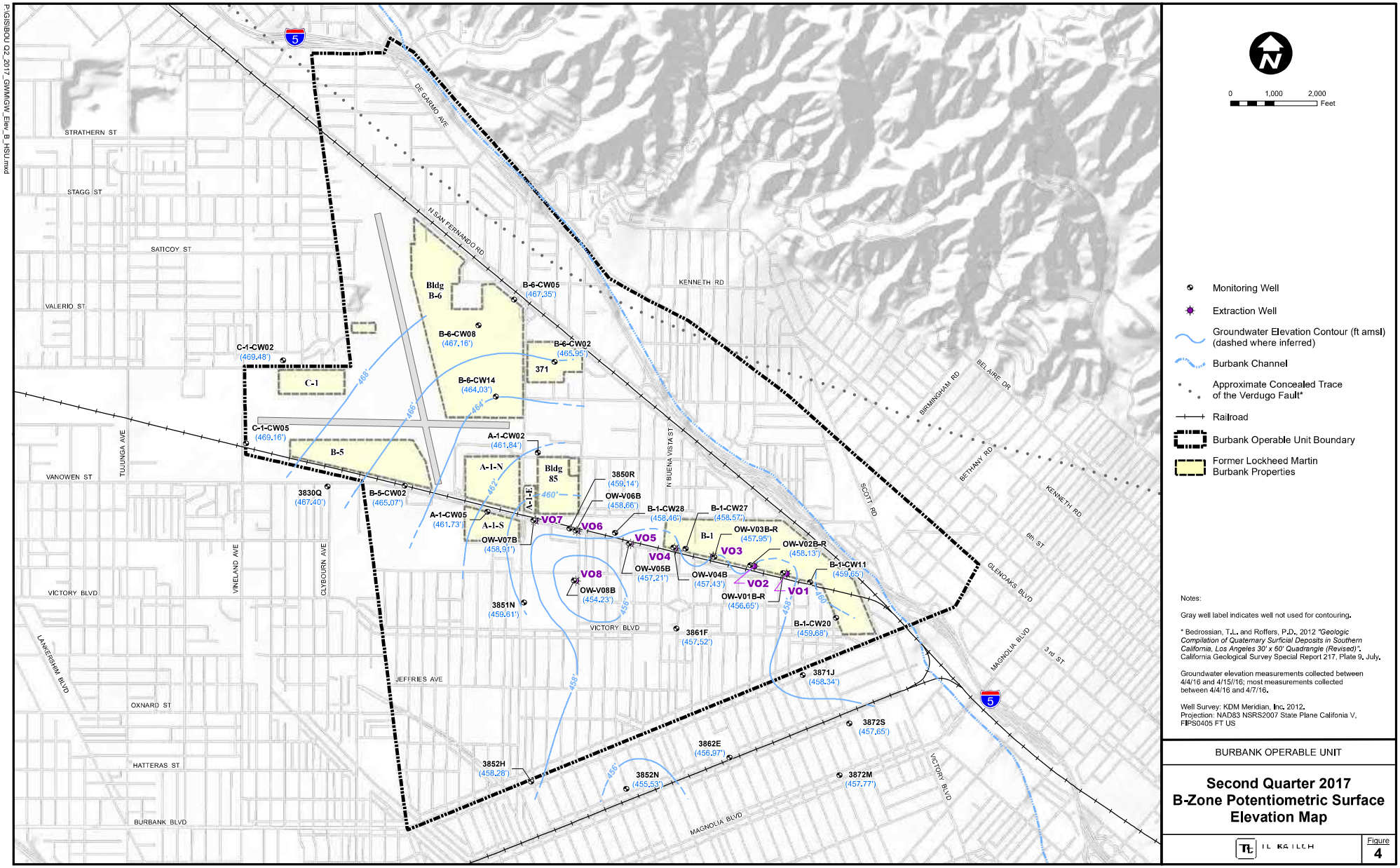
Site Location Map

TETRA TECH

Figure 1


0
1,000
2,000
Feet
Monitoring Well (WT-HSU)
Monitoring Well (B-HSU)
Monitoring Well (older alluvium)
Extraction Well
Approximate Concealed Trace of the Verdugo Fault*
Railroad
Burbank Operable Unit Boundary
Former Lockheed Martin Burbank Properties
Notes:
* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)", California Geological Survey Special Report 217, Plate 9, July.
Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US
WT - Water Table
B - B-Zone
HSU - Hydrostatigraphic Unit
BURBANK OPERABLE UNIT
Monitoring Well Network
Figure 2
STRATHERN ST
STAGG ST
SATICOY ST
VALERIO ST
VANOWEN ST
VICTORY BLVD
OXNARD ST
HATTERAS ST
BURBANK BLVD
JEFFRIES AVE
VICTORY BLVD
MAGNOLIA BLVD
KENNETH RD
BETHANY RD
GLENOAKS BLVD
6th ST
3rd ST
BELAIRE DR
BIRMINGHAM RD
SCOTT RD
TUJUNGA AVE
VINELAND AVE
CLYBOURN AVE
LANKERSHIM BLVD
N SAN FERNANDO RD
BE GARMO AVE
N BUENA VISTA ST
B-6
B-5
C-1
A-1-N
A-1-E
A-1-S
Bldg 371
Bldg 85
VO1
VO2
VO3
VO4
VO5
VO6
VO7
VO8


N
0
1,000
2,000
Feet
Monitoring Well
Extraction Well
Groundwater Elevation Contour (ft amsl)
Burbank Channel
Approximate Southern Limit of Hydraulic Capture
Approximate Concealed Trace of the Verdugo Fault*
Railroad
Burbank Operable Unit Boundary
Former Lockheed Martin Burbank Properties
Notes:
Gray well label indicates well not used for contouring.
Groundwater elevation measurements collected between 4/14/17 and 4/20/17; most measurements collected between 4/18/17 and 4/20/17.
* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)". California Geological Survey Special Report 217, Plate 9. July.
Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V.
BURBANK OPERABLE UNIT
Second Quarter 2017
Water Table Elevation Map
Figure
3
STRATHERN ST
STAGG ST
SATICOY ST
VALERIO ST
VANOWEN ST
VICTORY BLVD
OXNARD ST
HATTERAS ST
BURBANK BLVD
JEFFRIES AVE
DE GARMO AVE
N SAN FERNANDO RD
KENNETH RD
BIRMINGHAM RD
BELAIRE DR
BETHANY RD
N BUENA VISTA ST
SCOTT RD
8th ST
GLENOAKS BLVD
MAGNOLIA BLVD
3rd ST
TUJUNGA AVE
VINELAND AVE
CLYBOURN AVE
LAKEASHM BLVD
4948 (471.97')
4949C (465.32')
B-6-CW16 (463.84')
SW-1 (469.96')
MW-04 (461.39')
MW-07 (460.18')
3850W (459.56')
SW-5 (459.22')
3850V (459.45')
B-6-CW17 (Dry Well)
B-6-CW09 (Dry Well)
B-6
MW-03 (463.54')
MW-02 (Dry Well)
MW-01 (Dry Well)
C-1-CW03 (469.38')
C-1
C-1-CW07 (465.03')
C-1-CW08 (467.32')
B-6-CW10 (463.11')
MW-05 (462.30')
MW-06 (Dry Well)
MW-08 (459.69')
Bldg 371
3850U (456.58')
3850M (456.52')
3850T (455.72')
3860K (455.36')
3860J (456.88')
3870D (470.50')
A-1-CW08 (456.14')
A-1-CW03R (458.13')
3850S (NA)
C-1-CW06 (Dry Well)
B-5
B-5-CW03 (Dry Well)
3830S (467.06')
A-1-N
A-1-E
A-1-S
Bldg 85
A-1-CW07 (Dry Well)
OW-V06A (454.22')
B-1-CW33 (450.16')
B-1-CW29 (Dry Well)
B-1-CW16 (452.13')
OW-V02A-R (443.67')
B-1-CW13 (451.44')
B-1-CW30 (452.30')
OW-V05A (446.55')
B-1-CW31 (450.30')
B-1-CW12 (454.27')
3880 (462.82')
A-1-CW04 (460.29')
VO7
VO6
VO5
VO4
VO3
B-1
VO2
VO1
A-1-CW09 (456.13')
3850N (454.76')
3850Q (456.99')
OW-V07A (456.66')
VO8
OW-V04A (453.87')
B-1-CW34 (455.15')
B-1-CW32 (454.76')
3851M (459.16')
OW-V08A (453.09')
B-1-CW25 (450.59')
OW-V03A-R (450.40')
3831Q (462.01')
3861D (453.68')
OW-V01A-R (451.53')
B-1-CW17 (455.84')
3861E (452.36')
Tt-PW-01 (455.30')
3871H (453.15')
3852L (458.10')
Tt-PW-02 (455.73')
3872Q (454.44')
3862D (454.14')
3872R (454.13')
3872L (452.00')
3852M (456.54')
3872N (452.28')
3852G (460.14')
3852F (459.62')



Notes:

Gray well label indicates well not used for contouring.

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9, July.

Groundwater elevation measurements collected between 4/4/16 and 4/15//16; most measurements collected between 4/4/16 and 4/7/16.

Well Survey: KDM Meridian, Inc. 2012. Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

BURBANK OPERABLE UNIT

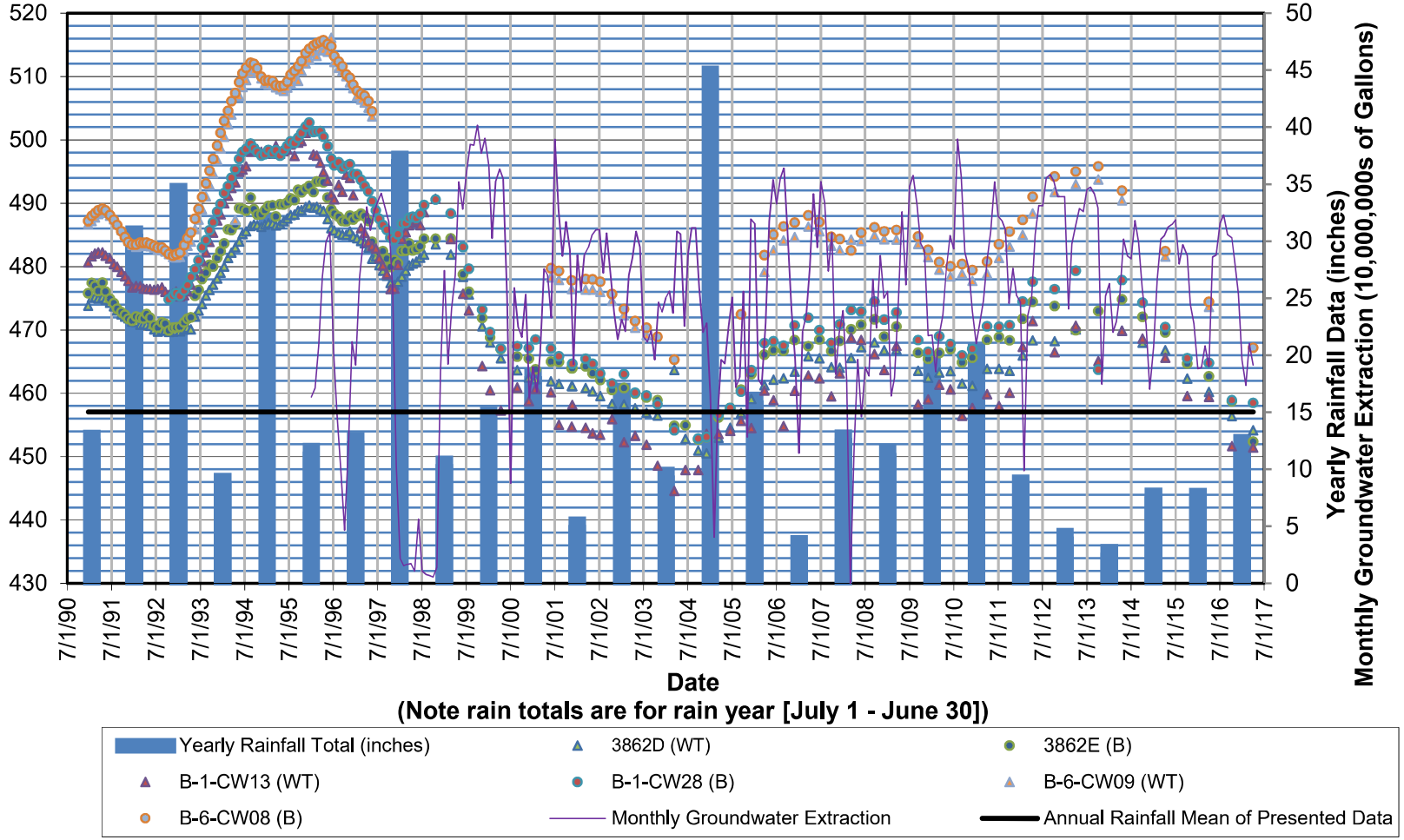
Second Quarter 2017 B-Zone Potentiometric Surface Elevation Map

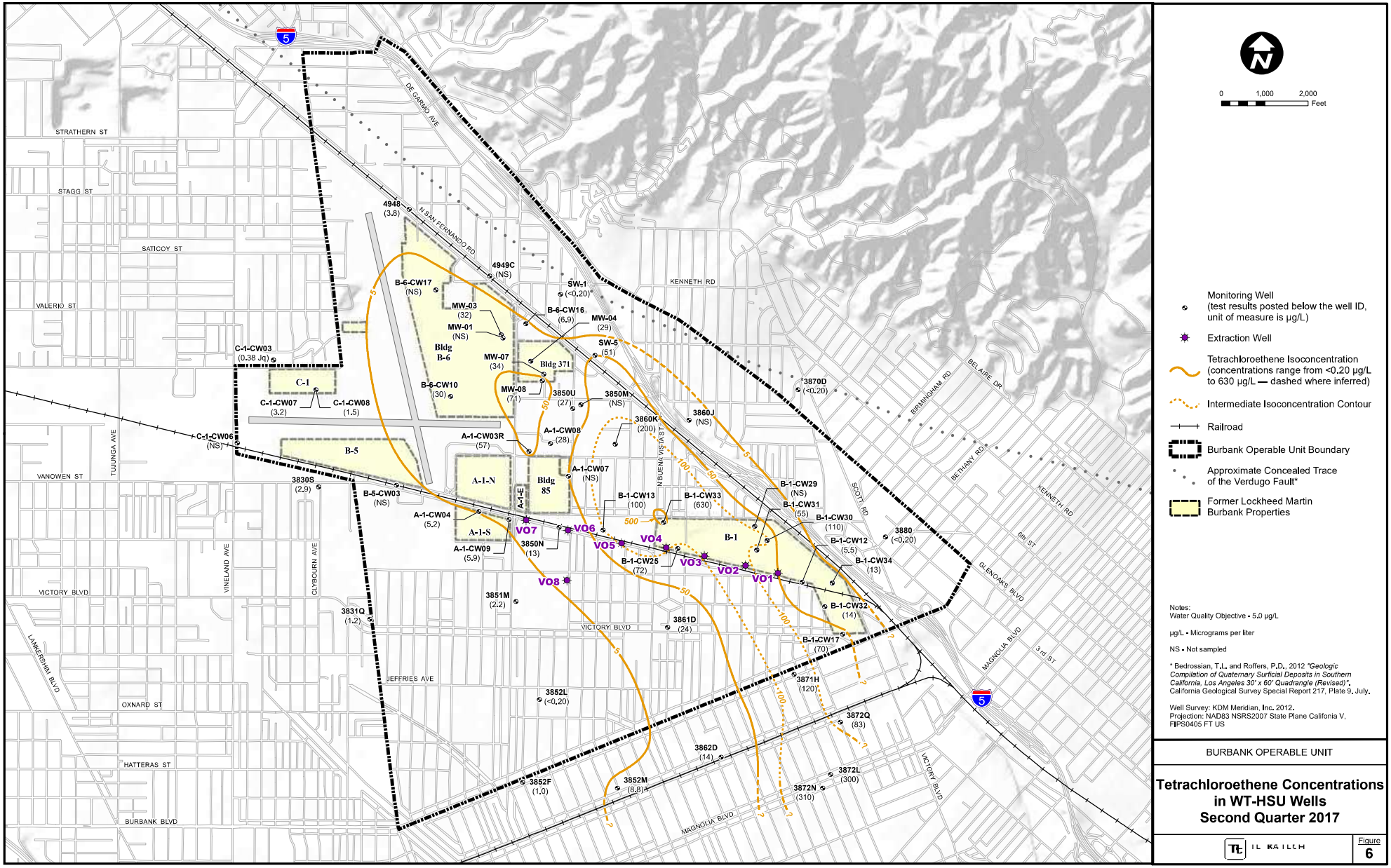
TETRA TECH

Figure 4

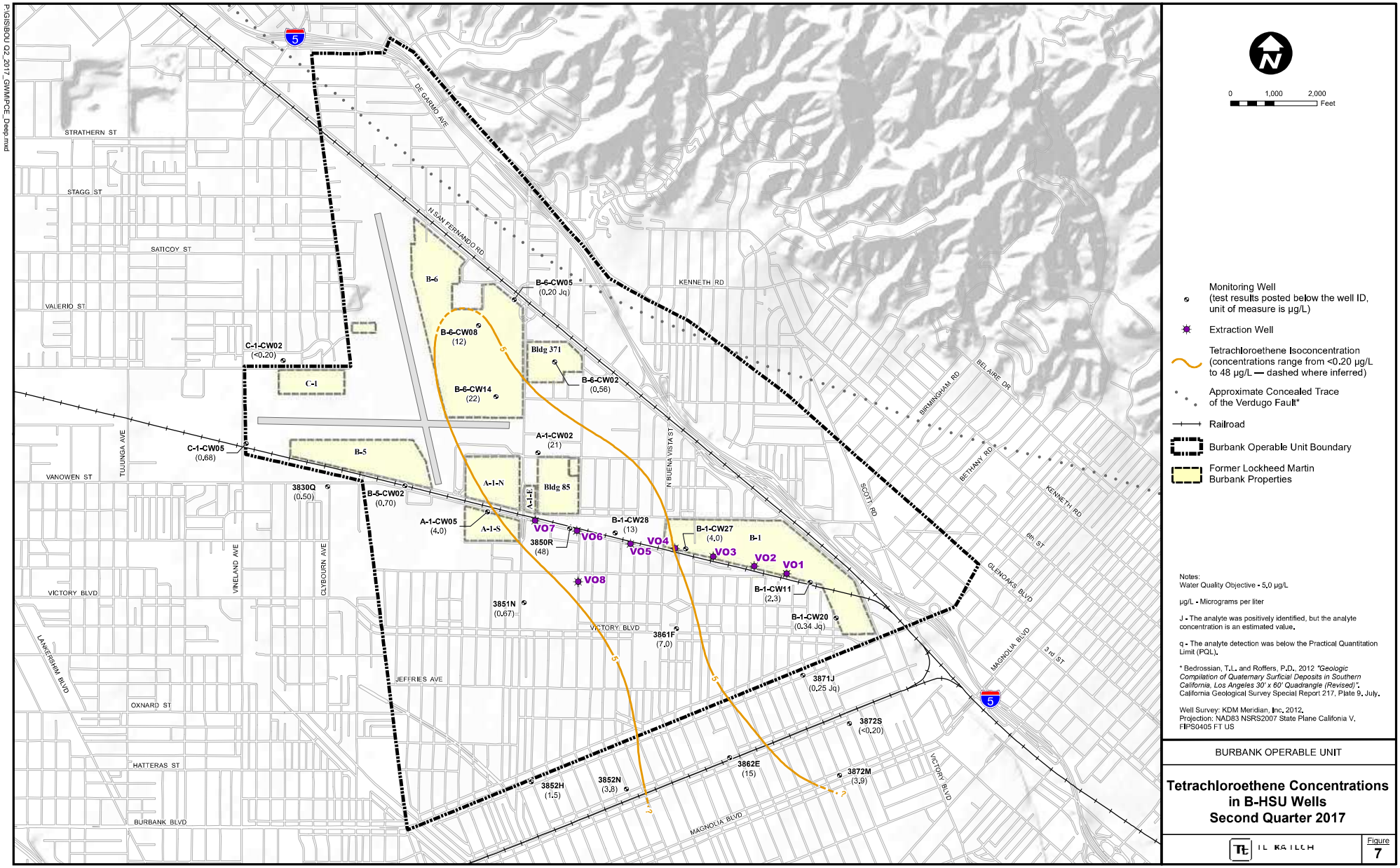
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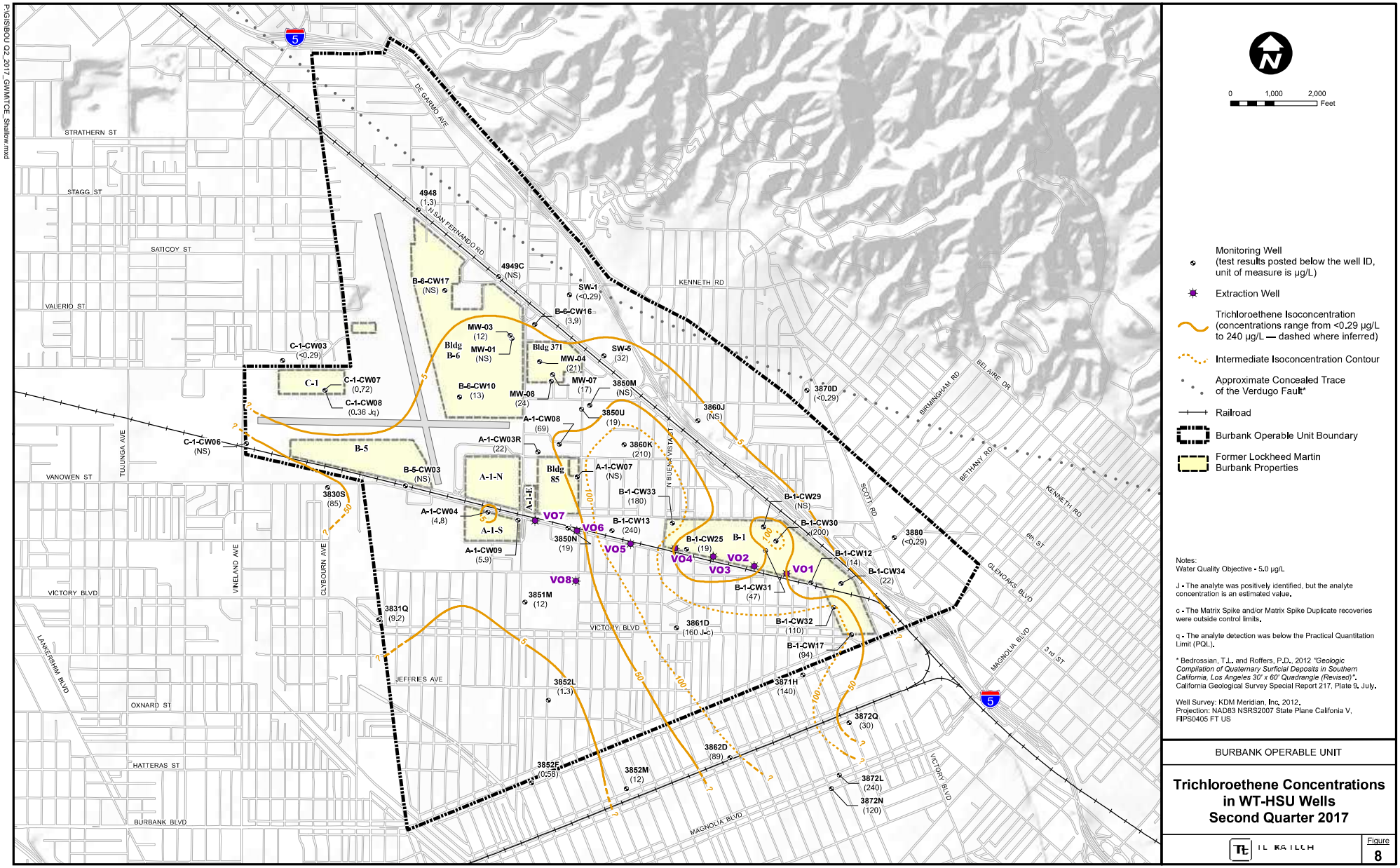
Figure 5 - Annual Precipitation and Hydrographs of Select Water Table and B-Zone Wells





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P:\GIS\BOU Q2_2017_GWMP\CE_Deep.mxd
STRATHERN ST
STAGG ST
SATICOY ST
VALERIO ST
VANOWEN ST
VICTORY BLVD
OXNARD ST
HATTERAS ST
BURBANK BLVD
JEFFRIES AVE
LANKERSHIM BLVD
VINELAND AVE
CLYBOURN AVE
TUJUNGA AVE
DE GARMO AVE
N SAN FERNANDO RD
KENNETH RD
N BUENA VISTA ST
SCOTT RD
BIRMINGHAM RD
BELAIRE DR
BETHANY RD
GLENOAKS BLVD
MAGNOLIA BLVD
8th ST
3rd ST
B-6
B-5
C-1
A-1-N
A-1-S
A-1-E
Bldg 371
Bldg 85
B-1
C-1-CW02 (<0.20)
B-6-CW05 (0.20 Jq)
B-6-CW08 (12)
B-6-CW14 (22)
B-6-CW02 (0.56)
C-1-CW05 (0.68)
A-1-CW02 (21)
3830Q (0.50)
B-5-CW02 (0.70)
A-1-CW05 (4.0)
3850R (48)
B-1-CW28 (13)
B-1-CW27 (4.0)
B-1-CW11 (2.3)
B-1-CW20 (0.34 Jq)
3851N (0.67)
3861F (7.0)
3871J (0.25 Jq)
3872S (<0.20)
3872M (3.9)
3862E (15)
3852N (3.8)
3852H (1.5)
VO1
VO2
VO3
VO4
VO5
VO6
VO7
VO8
5
2
1
0
1,000
2,000
Feet
Monitoring Well
(test results posted below the well ID, unit of measure is µg/L)
Extraction Well
Tetrachloroethene Isoconcentration
(concentrations range from <0.20 µg/L to 48 µg/L — dashed where inferred)
Approximate Concealed Trace of the Verdugo Fault*
Railroad
Burbank Operable Unit Boundary
Former Lockheed Martin Burbank Properties
Notes:
Water Quality Objective - 5.0 µg/L
µg/L - Micrograms per liter
J - The analyte was positively identified, but the analyte concentration is an estimated value.
q - The analyte detection was below the Practical Quantitation Limit (PQL).
* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)", California Geological Survey Special Report 217, Plate 9, July.
Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US
BURBANK OPERABLE UNIT
Tetrachloroethene Concentrations in B-HSU Wells
Second Quarter 2017
Figure
7



Notes:
Water Quality Objective - 5.0 µg/L

J - The analyte was positively identified, but the analyte concentration is an estimated value.

c - The Matrix Spike and/or Matrix Spike Duplicate recoveries were outside control limits.

q - The analyte detection was below the Practical Quantitation Limit (PQL).

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9. July.

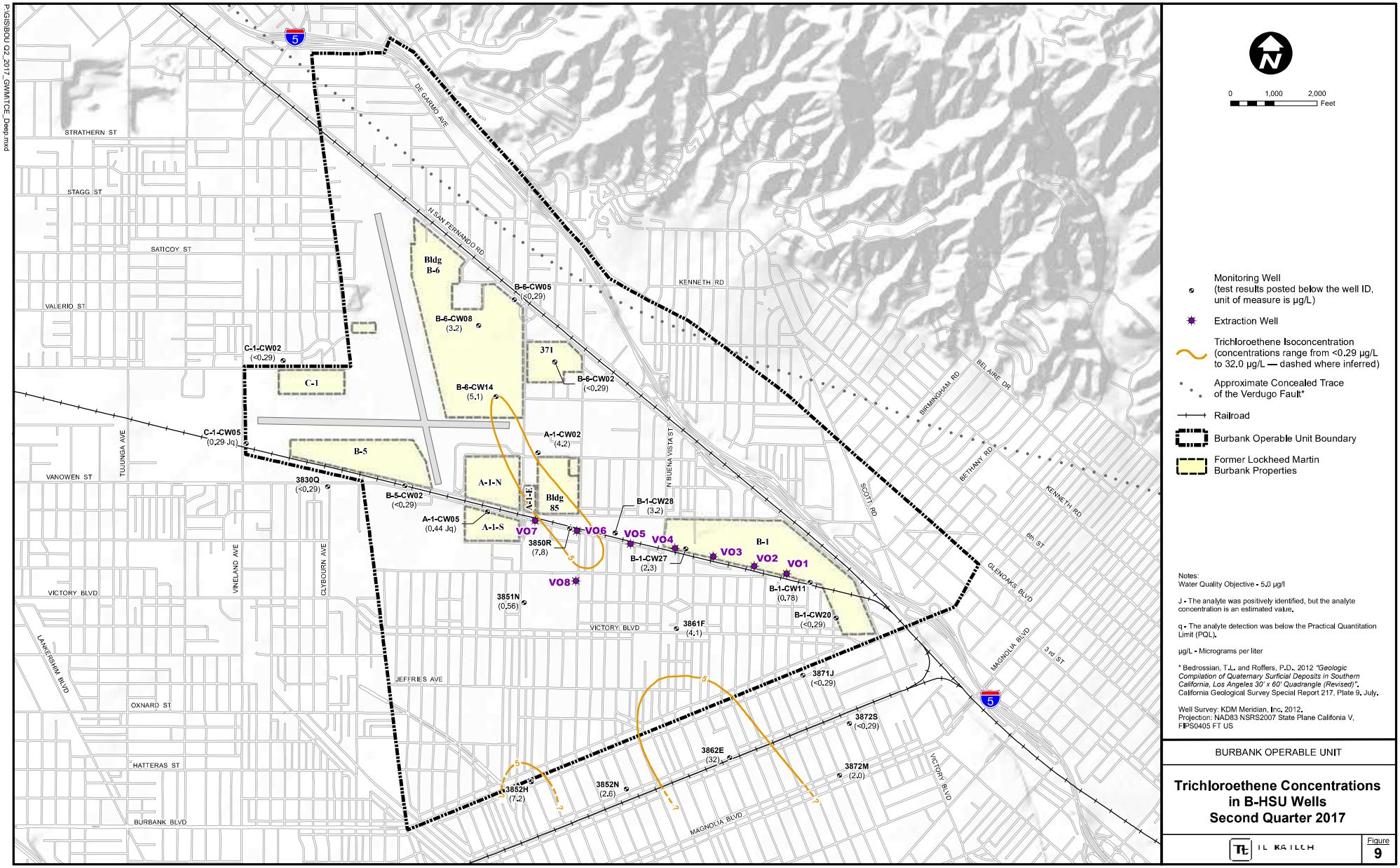
Well Survey: KDM Meridian, Inc, 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

BURBANK OPERABLE UNIT

Trichloroethene Concentrations in WT-HSU Wells Second Quarter 2017

TETRA TECH

Figure 8



Notes:
Water Quality Objective - 5.0 µg/l

J - The analyte was positively identified, but the analyte concentration is an estimated value.

q - The analyte detection was below the Practical Quantitation Limit (PQL).

µg/L - Micrograms per liter

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9, July.

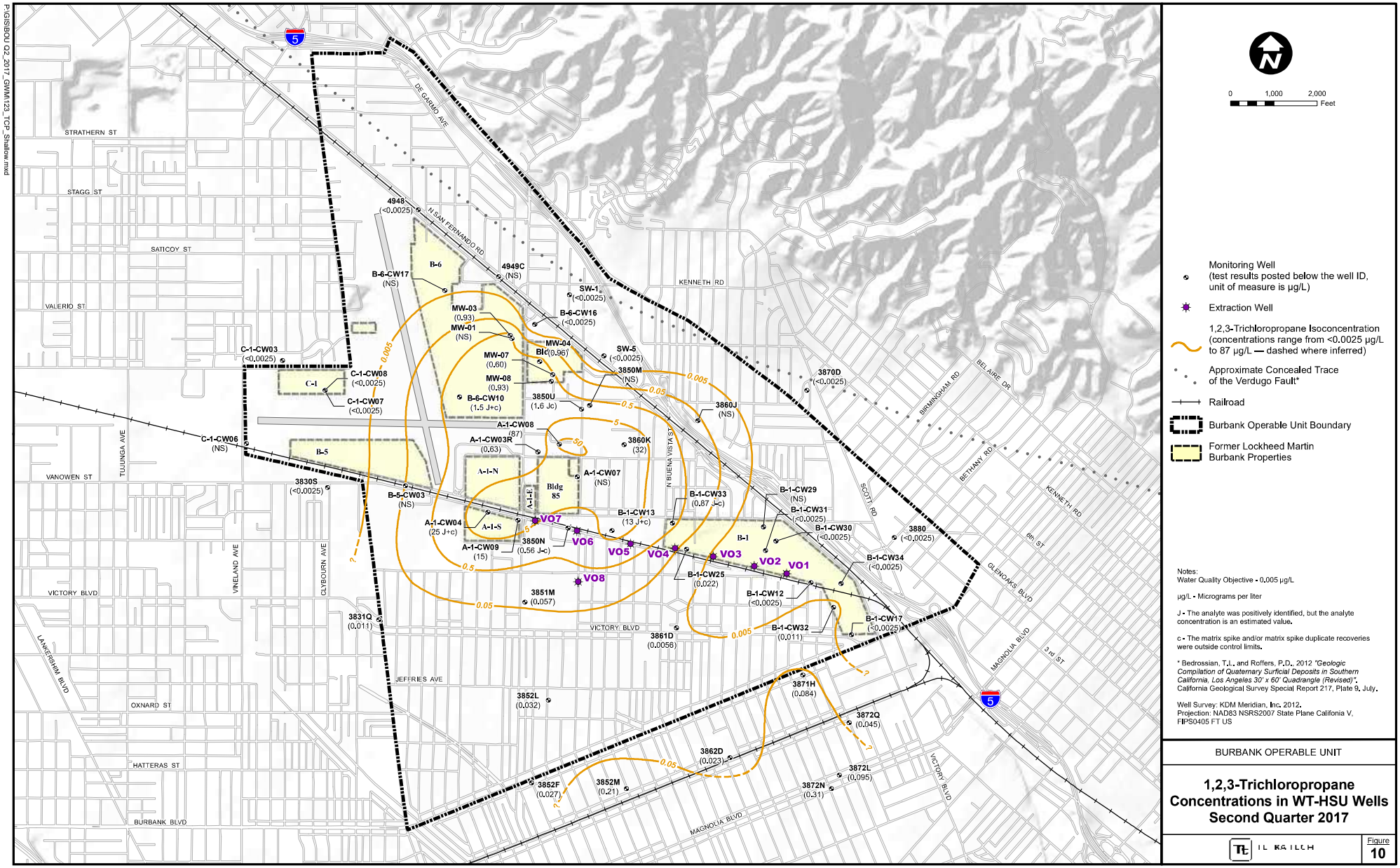
Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

BURBANK OPERABLE UNIT

Trichloroethene Concentrations in B-HSU Wells Second Quarter 2017

TETRA TECH

Figure 9



Notes:
Water Quality Objective - 0.005 µg/L

µg/L - Micrograms per liter

J - The analyte was positively identified, but the analyte concentration is an estimated value.

c - The matrix spike and/or matrix spike duplicate recoveries were outside control limits.

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9. July.

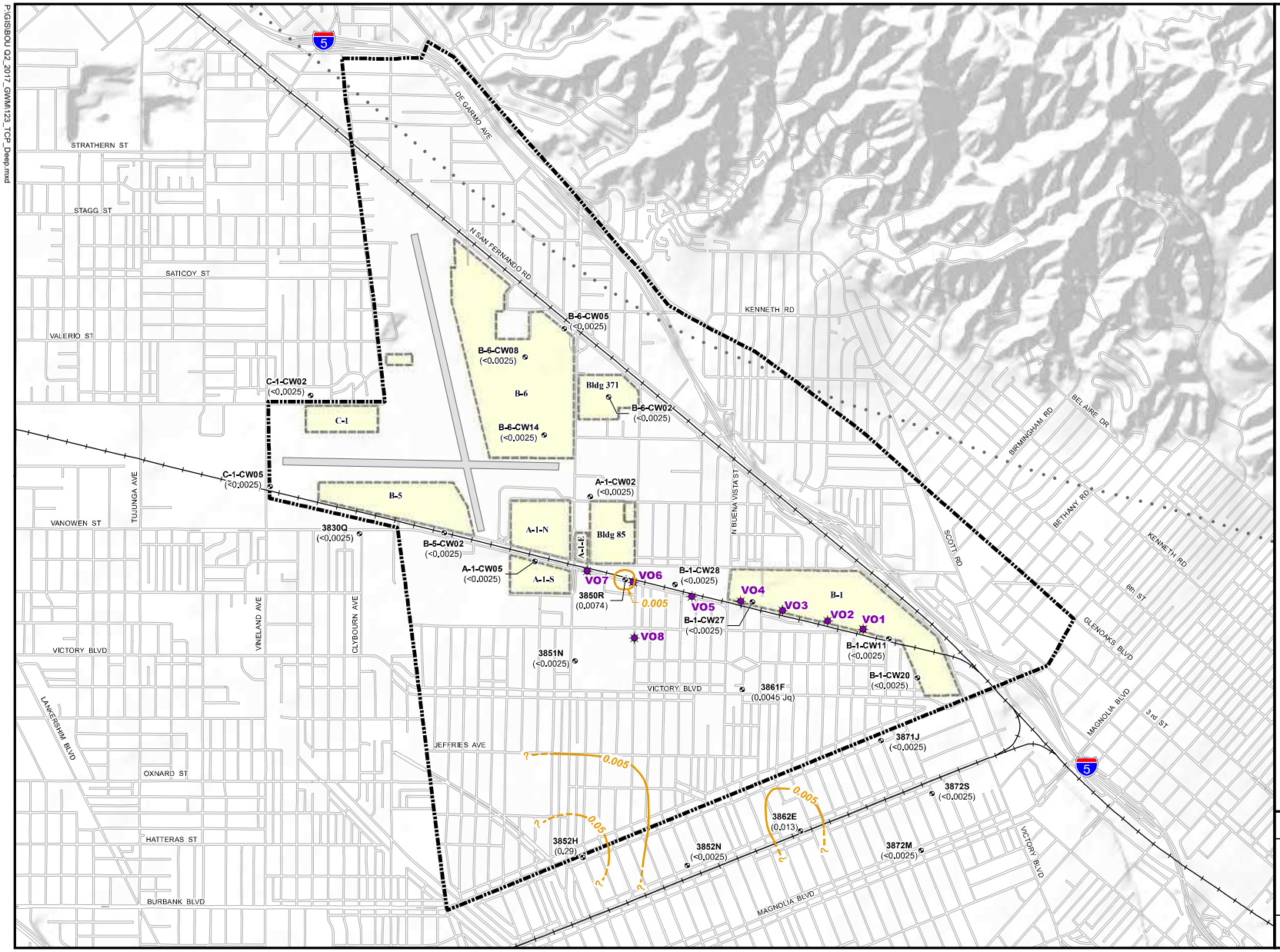
Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

BURBANK OPERABLE UNIT

1,2,3-Trichloropropane Concentrations in WT-HSU Wells Second Quarter 2017

TETRA TECH

Figure 10



Monitoring Well
(test results posted below the well ID, unit of measure is µg/L)

Extraction Well

1,2,3-Trichloropropane Isoconcentration (concentrations range from <0.0025 µg/L to 0.29 µg/L — dashed where inferred)

Approximate Concealed Trace of the Verdugo Fault*

Railroad

Burbank Operable Unit Boundary

Former Lockheed Martin Burbank Properties

Notes:
Water Quality Objective - 0.005 µg/L

µg/L - Micrograms per liter

J - The analyte was positively identified, but the analyte concentration is an estimated value.

q - The analyte detection was below the Practical Quantitation Limit (PQL).

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9. July.

Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

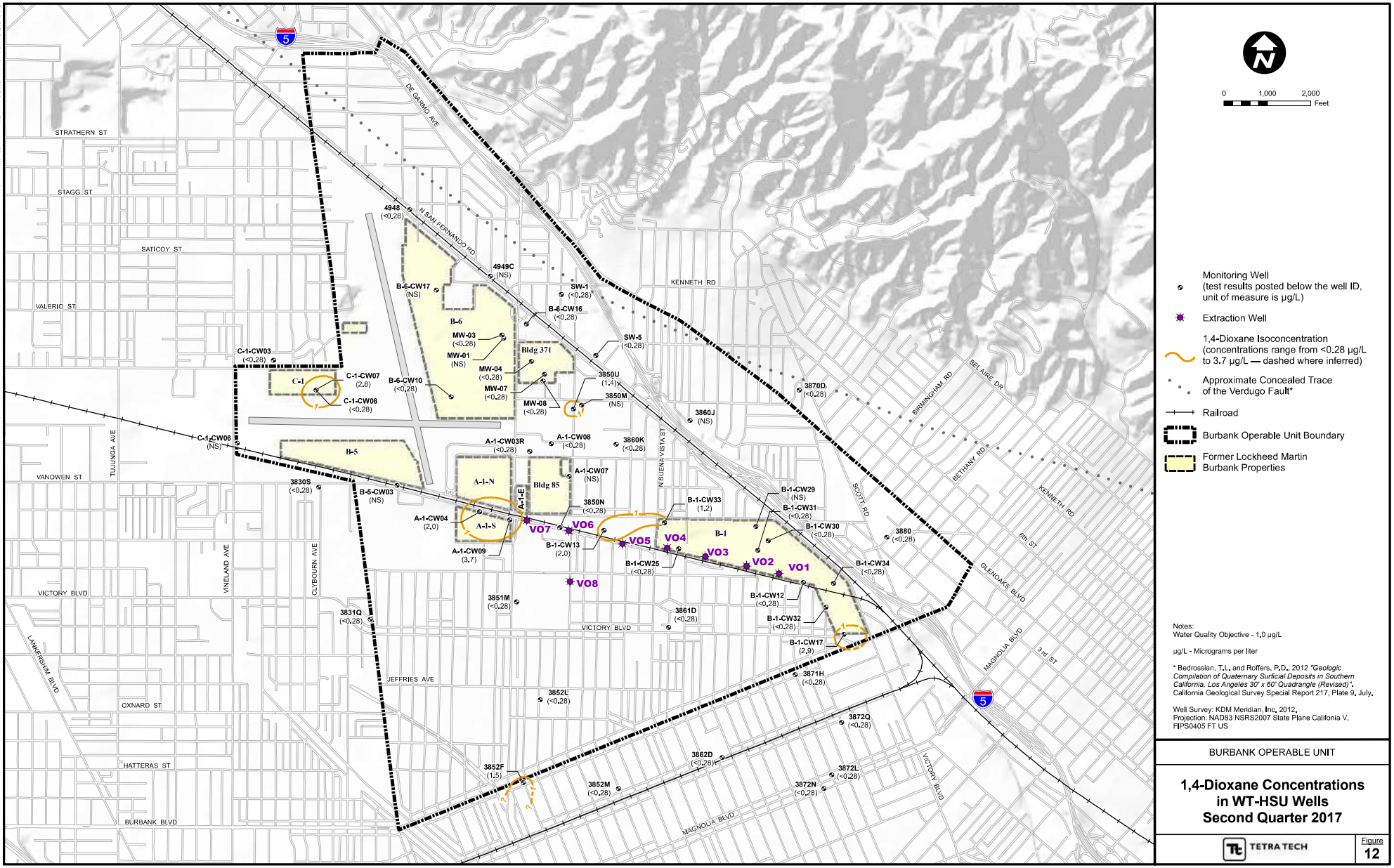
BURBANK OPERABLE UNIT

1,2,3-Trichloropropane Concentrations in B-HSU Wells Second Quarter 2017

TETRA TECH

Figure 11

P:\GIS\BOU Q2_2017_GWM\123_TCP_Deep.mxd



Notes:
Water Quality Objective - 1.0 µg/L

µg/L - Micrograms per liter

* Bedrossian, T.L., and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9, July.

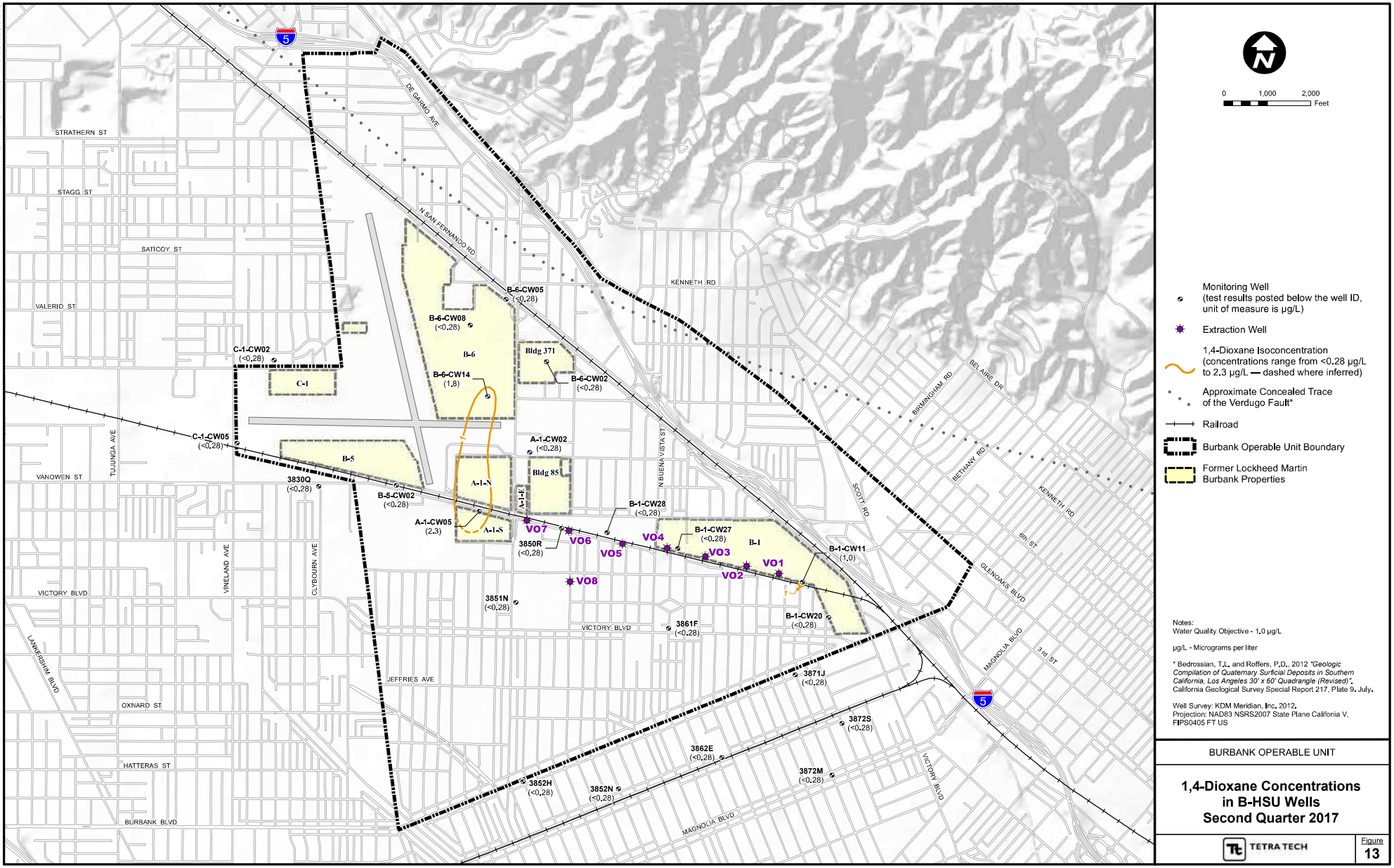
Well Survey: KDM Meridian, Inc, 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

BURBANK OPERABLE UNIT

1,4-Dioxane Concentrations in WT-HSU Wells Second Quarter 2017

TETRA TECH

Figure 12



Notes:
Water Quality Objective - 1.0 µg/L

µg/L - Micrograms per liter

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9. July.

Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

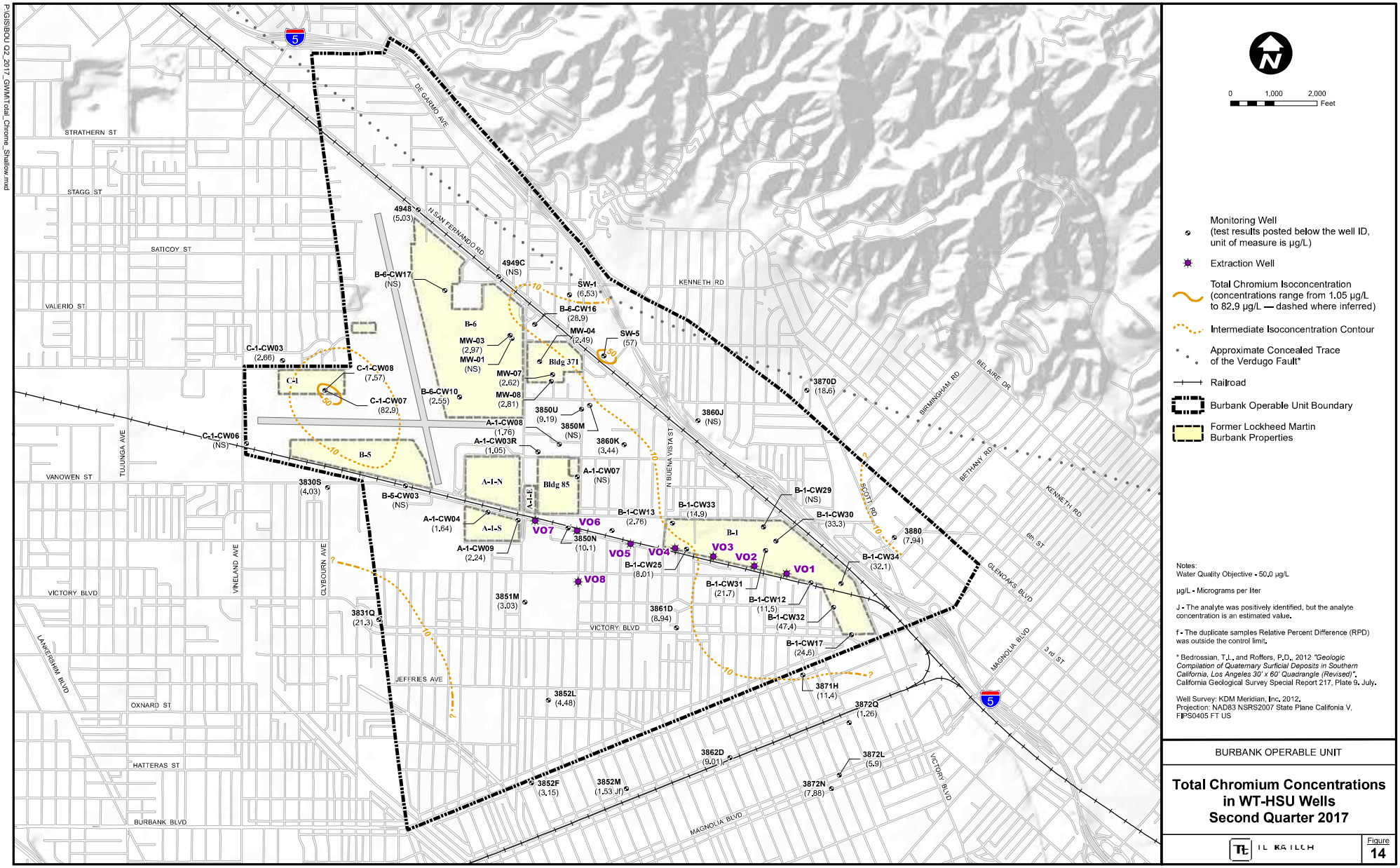
BURBANK OPERABLE UNIT

1,4-Dioxane Concentrations in B-HSU Wells Second Quarter 2017

TETRA TECH

Figure 13

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Notes:
Water Quality Objective - 50.0 µg/L

µg/L - Micrograms per liter

J - The analyte was positively identified, but the analyte concentration is an estimated value.

f - The duplicate samples Relative Percent Difference (RPD) was outside the control limit.

* Bedrossian, T.L., and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9. July.

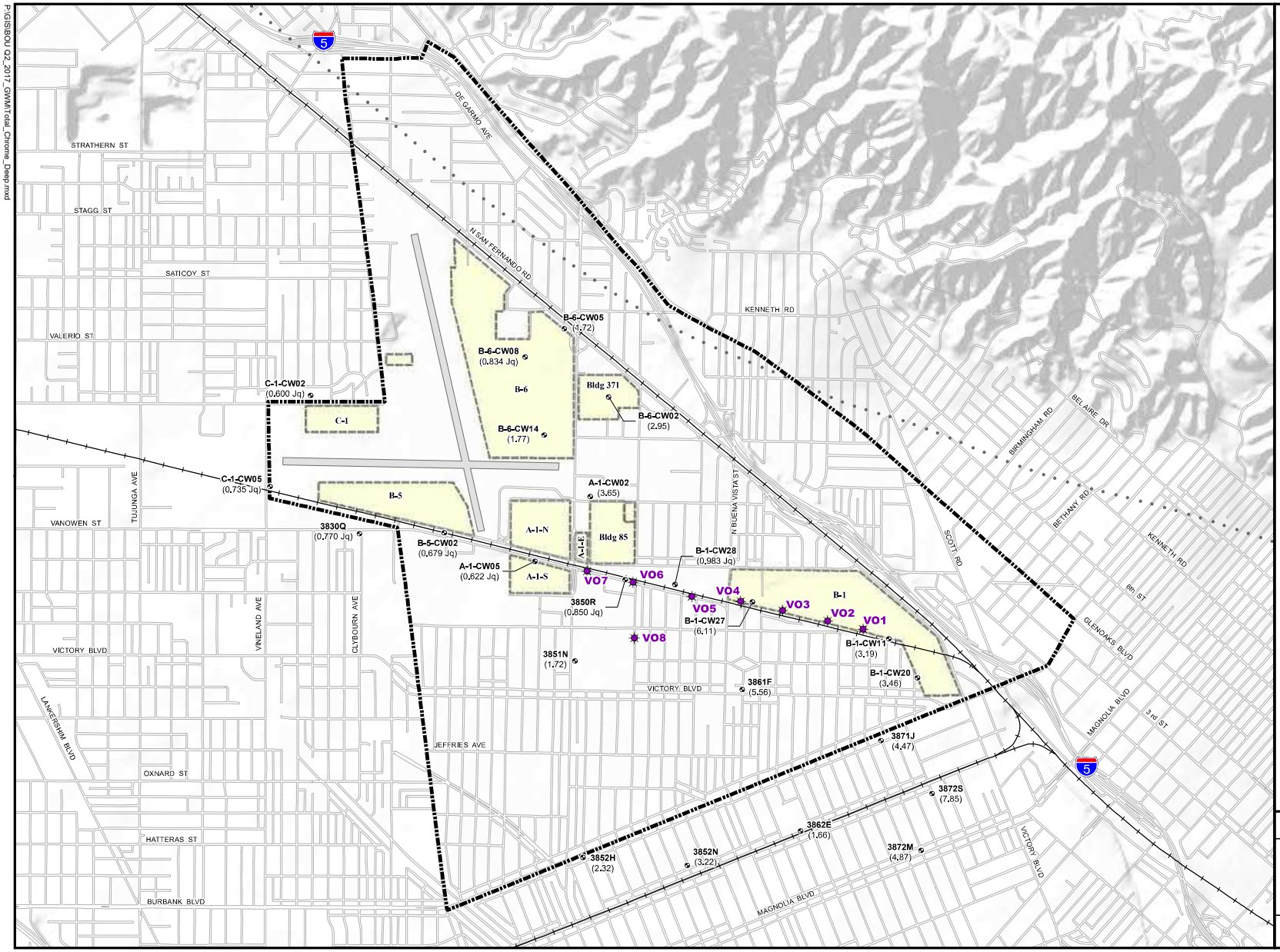
Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

BURBANK OPERABLE UNIT

Total Chromium Concentrations in WT-HSU Wells Second Quarter 2017

TETRA TECH

Figure 14



0 1,000 2,000 Feet

- Monitoring Well (test results posted below the well ID, unit of measure is µg/L)
- Extraction Well
- Approximate Concealed Trace of the Verdugo Fault*
- Railroad
- Burbank Operable Unit Boundary
- Former Lockheed Martin Burbank Properties

Notes:
Water Quality Objective - 50.0 µg/L

µg/L - Micrograms per liter

J - The analyte was positively identified, but the analyte concentration is an estimated value.

q - The analyte detection was below the Practical Quantitation Limit (PQL).

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*, California Geological Survey Special Report 217, Plate 9, July.

Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

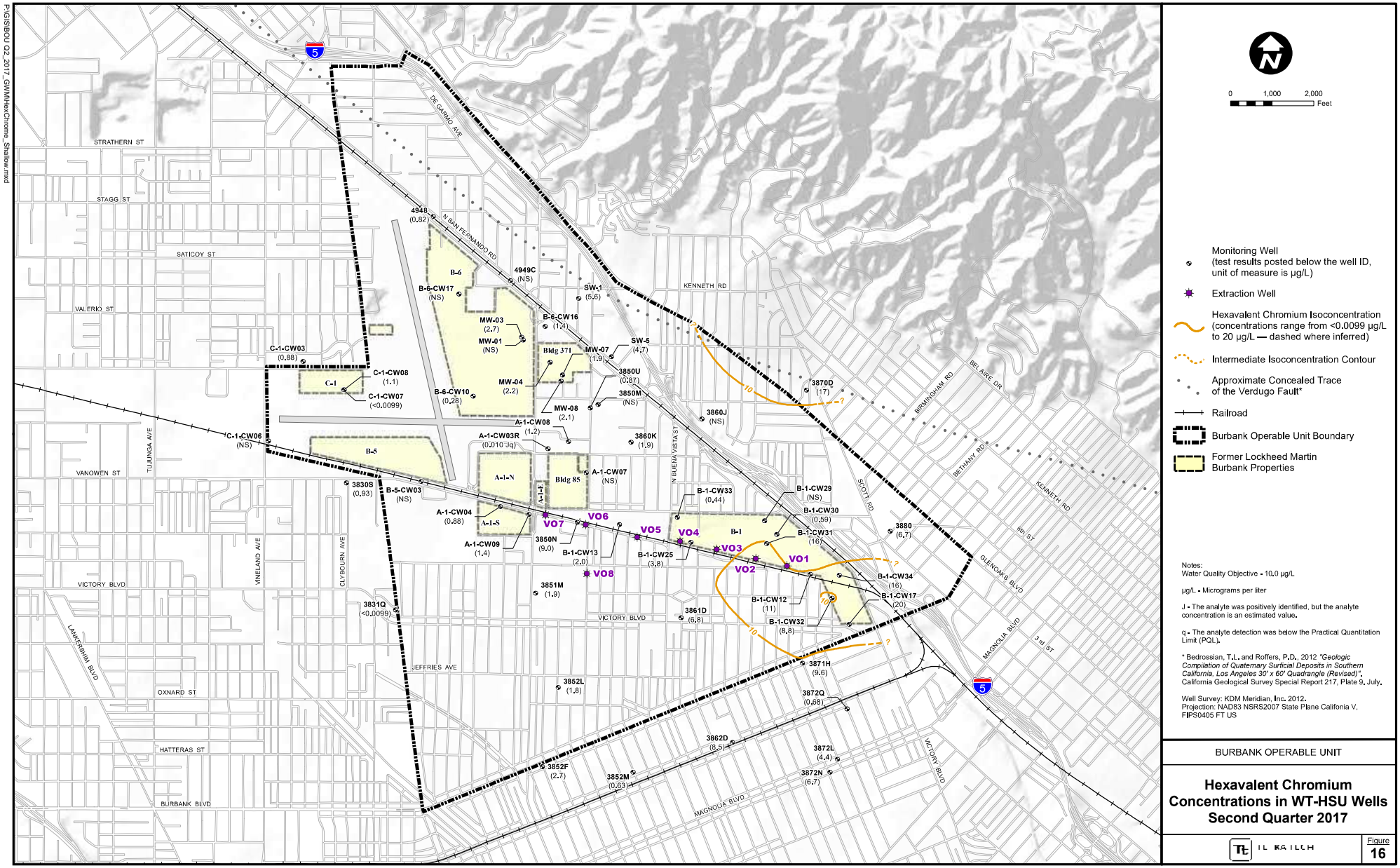
BURBANK OPERABLE UNIT

Total Chromium Concentrations in B-HSU Wells Second Quarter 2017

TETRA TECH

Figure 15

P:\GIS\BOU Q2_2017_GWMT\tal_Chrome_Deep.mxd



Monitoring Well
(test results posted below the well ID, unit of measure is µg/L)

Extraction Well

Hexavalent Chromium Isoconcentration (concentrations range from <0.0099 µg/L to 20 µg/L — dashed where inferred)

Intermediate Isoconcentration Contour

Approximate Concealed Trace of the Verdugo Fault*

Railroad

Burbank Operable Unit Boundary

Former Lockheed Martin Burbank Properties

Notes:
Water Quality Objective - 10.0 µg/L

µg/L - Micrograms per liter

J - The analyte was positively identified, but the analyte concentration is an estimated value.

q - The analyte detection was below the Practical Quantitation Limit (PQL).

* Bedrossian, T.L., and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9. July.

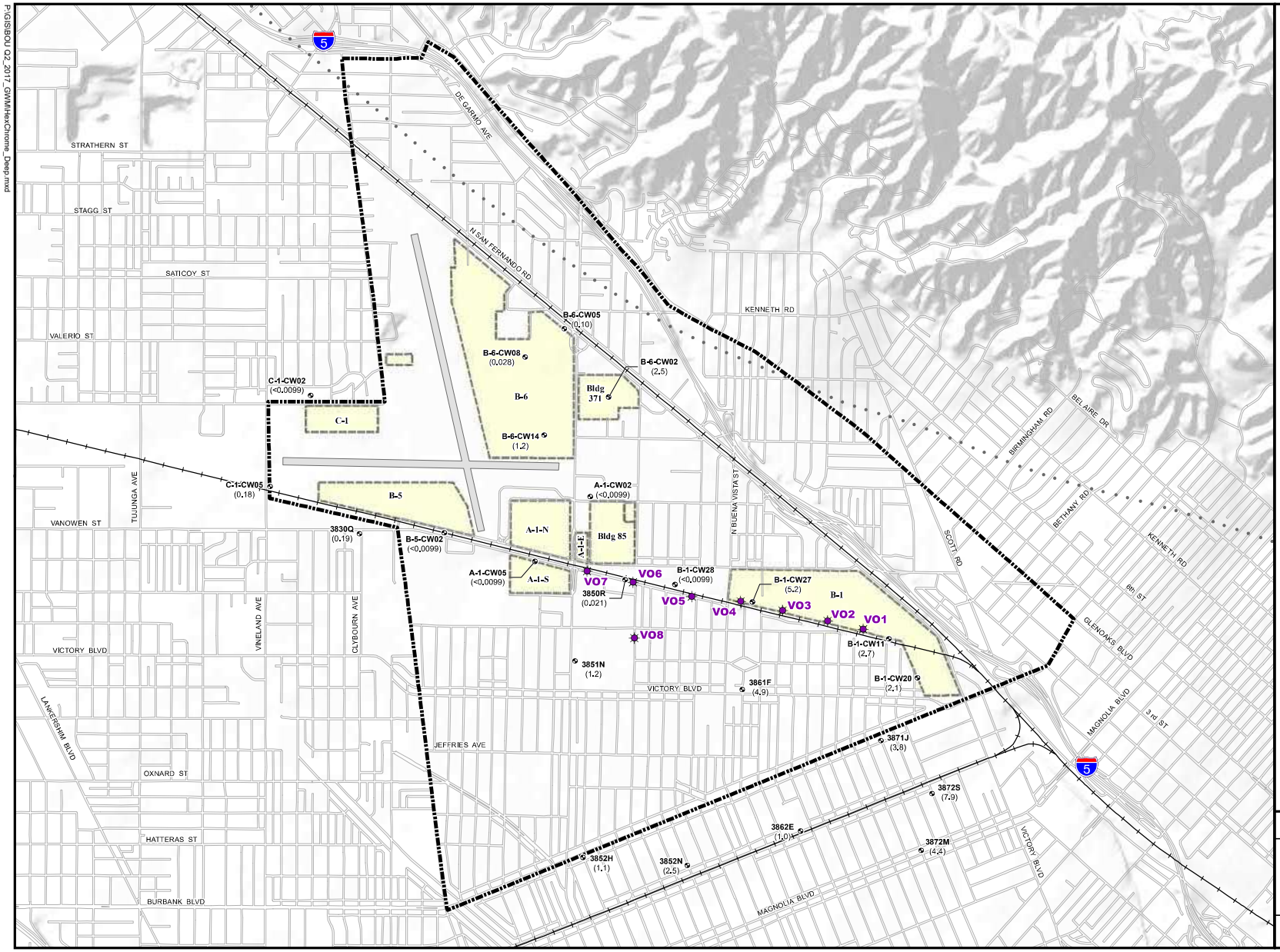
Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

BURBANK OPERABLE UNIT

Hexavalent Chromium Concentrations in WT-HSU Wells Second Quarter 2017

TETRA TECH

Figure 16



Notes:
Water Quality Objective - 10.0 µg/L

µg/L - Micrograms per liter

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9. July.

Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

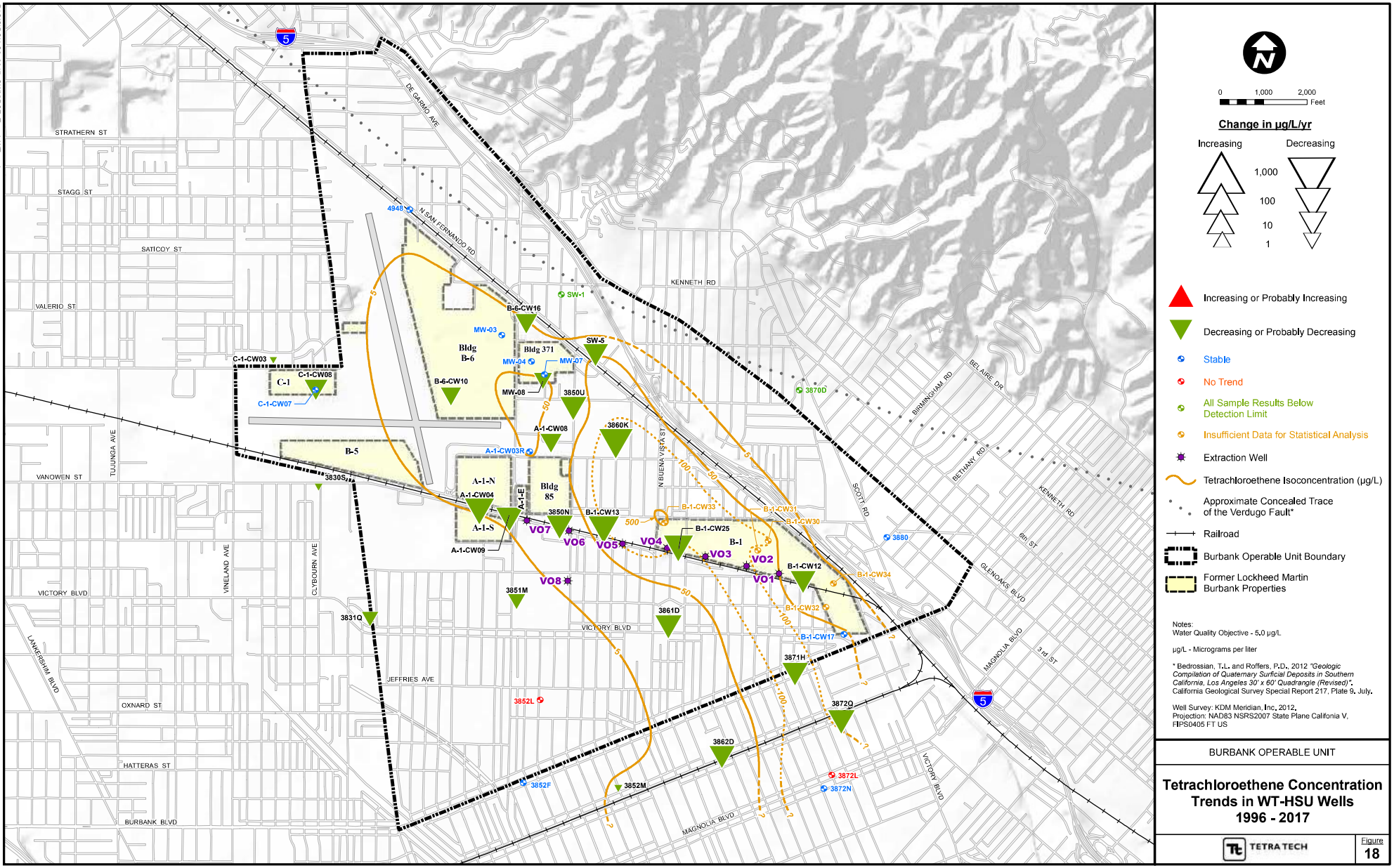
BURBANK OPERABLE UNIT

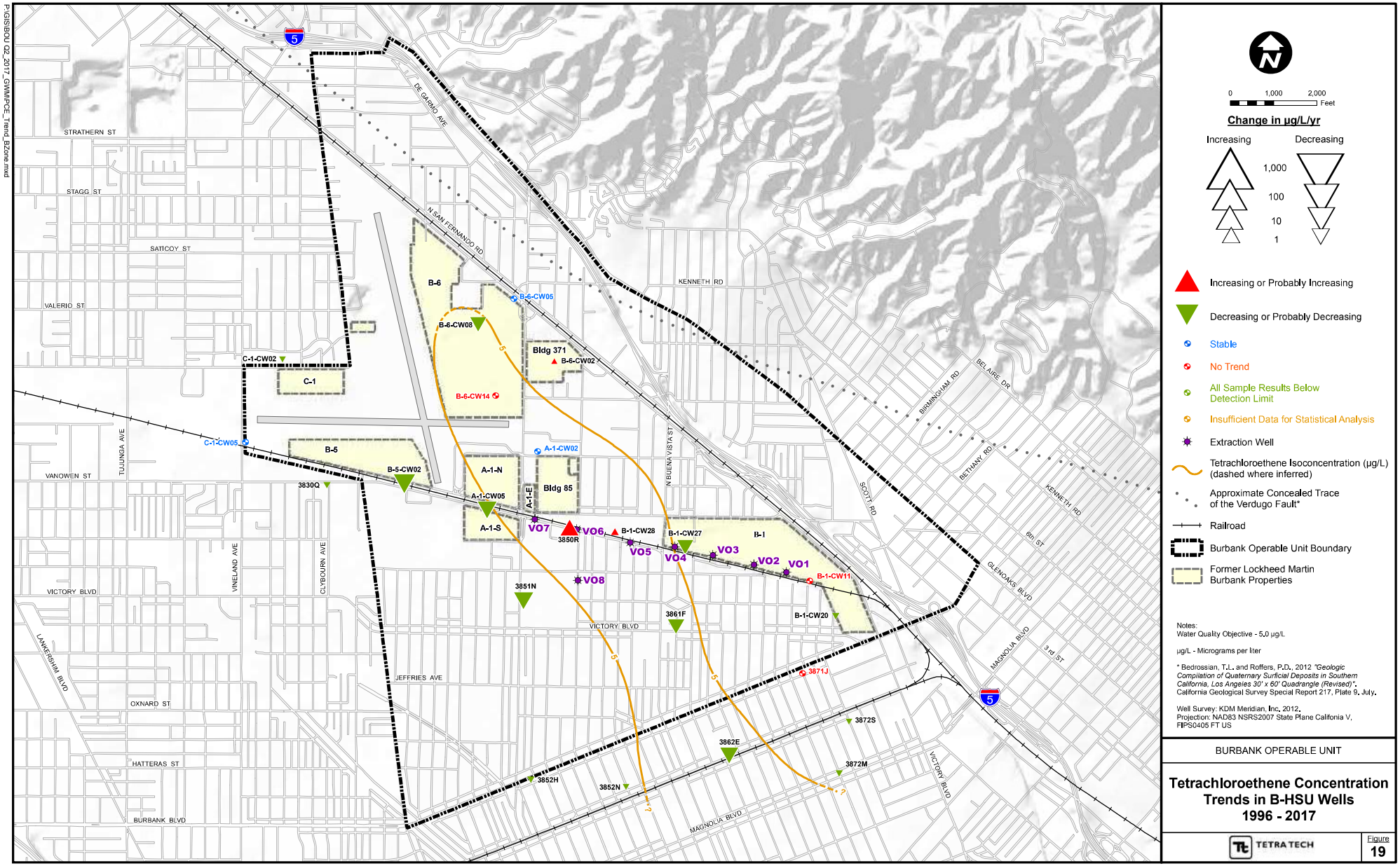
Hexavalent Chromium Concentrations in B-HSU Wells Second Quarter 2017

TETRA TECH

Figure 17

P:\GIS\BOU Q2_2017_GWM\HexChrome_Deep.mxd


P:\GIS\BOU 02_2017_GWM\PCE_Trend_WT.mxd
STRATHERN ST
STAGG ST
SATICOY ST
VALERIO ST
VANOWEN ST
VICTORY BLVD
OXNARD ST
HATTERAS ST
BURBANK BLVD
JEFFRIES AVE
LANKERSHIM BLVD
VINELAND AVE
CLYBOURN AVE
TUJUNGA AVE
DE GARMO AVE
N SAN FERNANDO RD
KENNETH RD
N BUENA VISTA ST
BIRMINGHAM RD
BELAIRE DR
BETHANY RD
SCOTT RD
GLENOAKS BLVD
MAGNOLIA BLVD
6th ST
3rd ST
Bldg B-6
Bldg 371
Bldg 85
B-5
C-1
A-1-N
A-1-S
A-1-E
B-1
4948
SW-1
MW-03
MW-04
MW-07
MW-08
B-6-CW16
B-6-CW10
SW-5
C-1-CW03
C-1-CW08
C-1-CW07
A-1-CW08
A-1-CW03R
A-1-CW04
A-1-CW09
3830S
3831Q
3850U
3850N
3851M
3852L
3852F
3852M
3860K
3861D
3862D
3870D
3871H
3872L
3872N
3872Q
3880
B-1-CW13
B-1-CW25
B-1-CW33
B-1-CW31
B-1-CW30
B-1-CW12
B-1-CW34
B-1-CW32
B-1-CW17
VO1
VO2
VO3
VO4
VO5
VO6
VO7
VO8
5
50
100
500
1
2
0
1,000
2,000
Feet
Change in µg/L/yr
Increasing
Decreasing
1,000
100
10
1
Increasing or Probably Increasing
Decreasing or Probably Decreasing
Stable
No Trend
All Sample Results Below Detection Limit
Insufficient Data for Statistical Analysis
Extraction Well
Tetrachloroethene Isoconcentration (µg/L)
Approximate Concealed Trace of the Verdugo Fault*
Railroad
Burbank Operable Unit Boundary
Former Lockheed Martin Burbank Properties
Notes:
Water Quality Objective - 5.0 µg/L
µg/L - Micrograms per liter
* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)". California Geological Survey Special Report 217, Plate 9, July.
Well Survey: KDM Meridian, Inc, 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US
BURBANK OPERABLE UNIT
Tetrachloroethene Concentration Trends in WT-HSU Wells 1996 - 2017
TETRA TECH
Figure 18



Notes:
Water Quality Objective - 5.0 µg/L

µg/L - Micrograms per liter

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*, California Geological Survey Special Report 217, Plate 9, July.

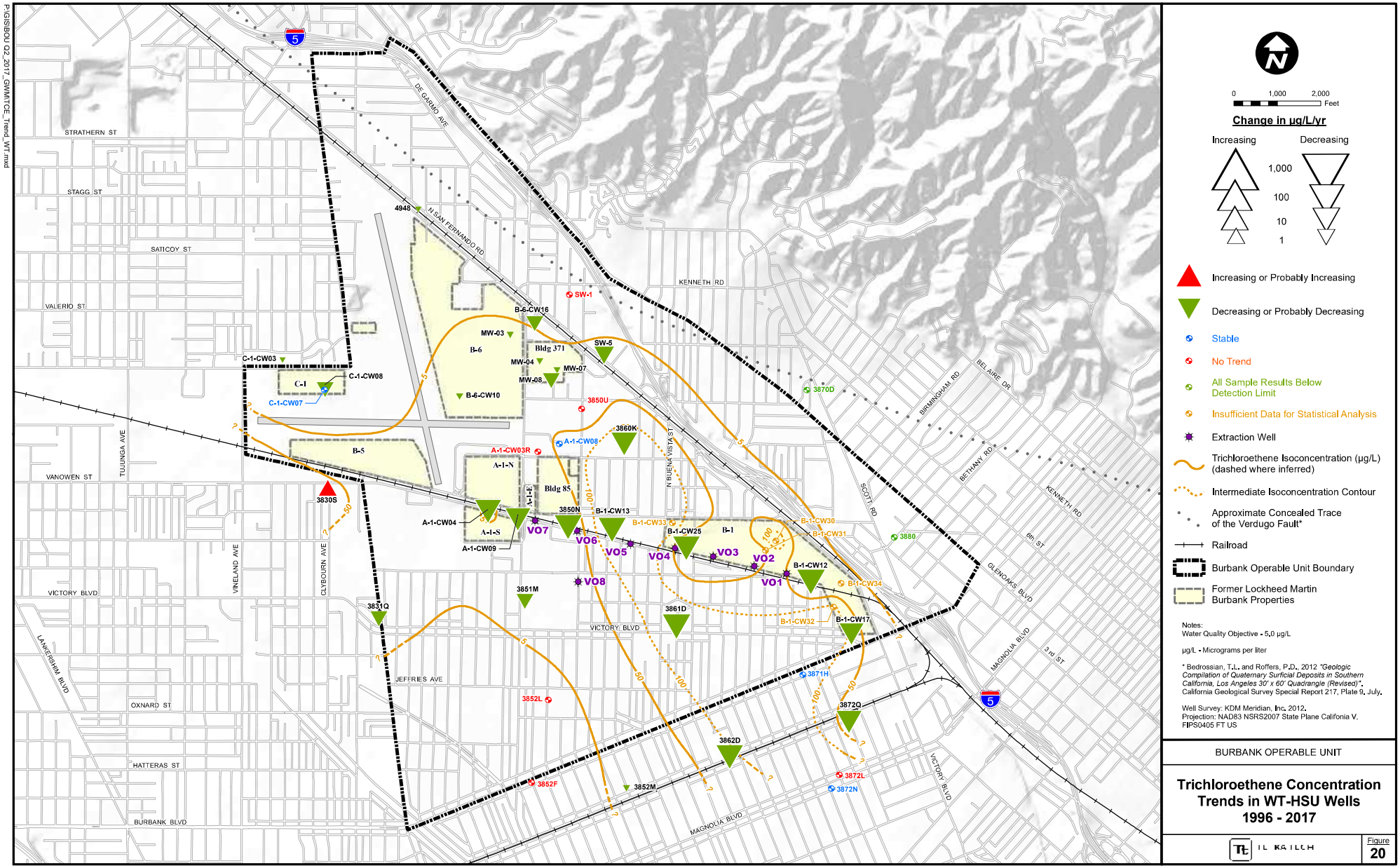
Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

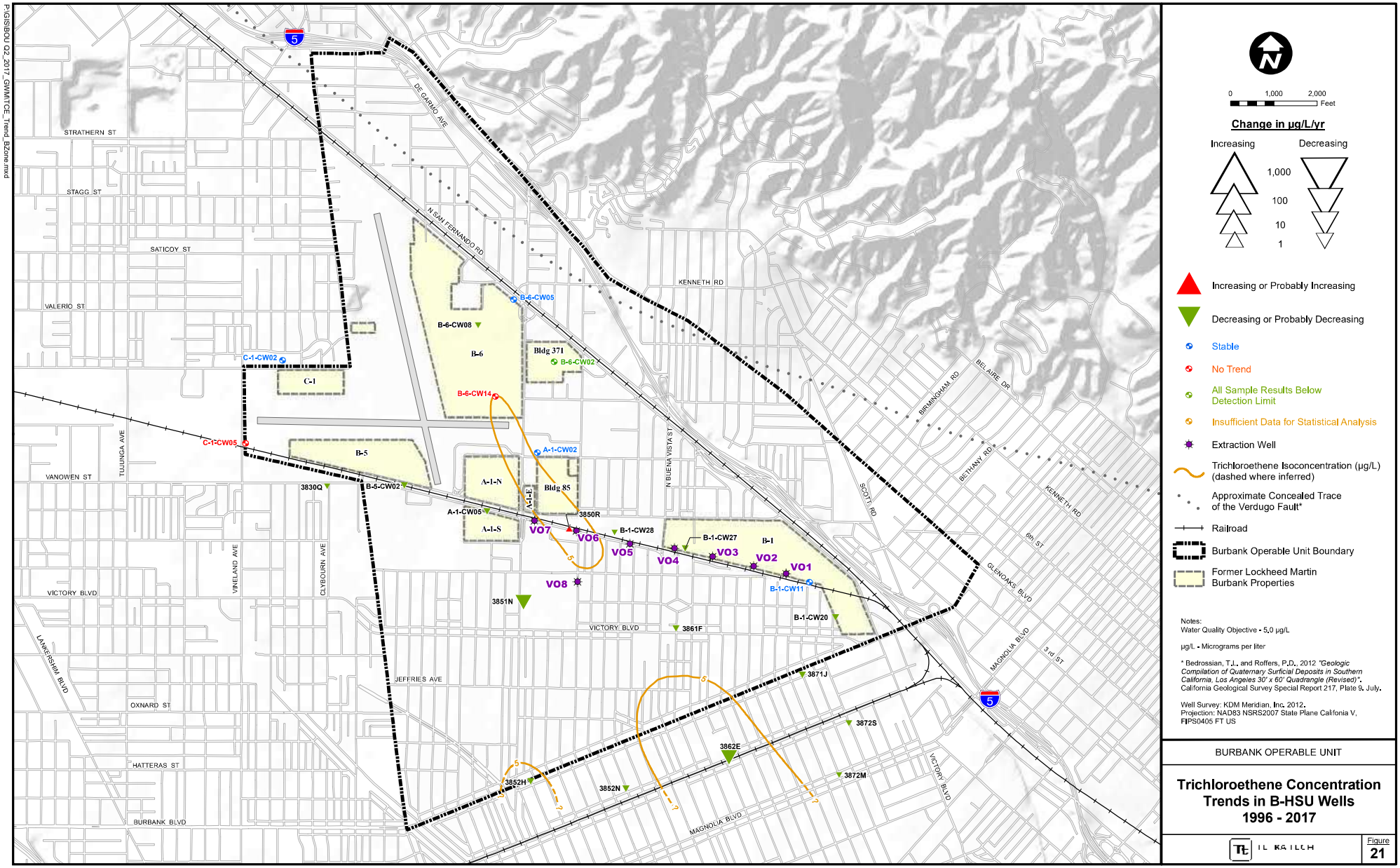
BURBANK OPERABLE UNIT

Tetrachloroethene Concentration Trends in B-HSU Wells 1996 - 2017

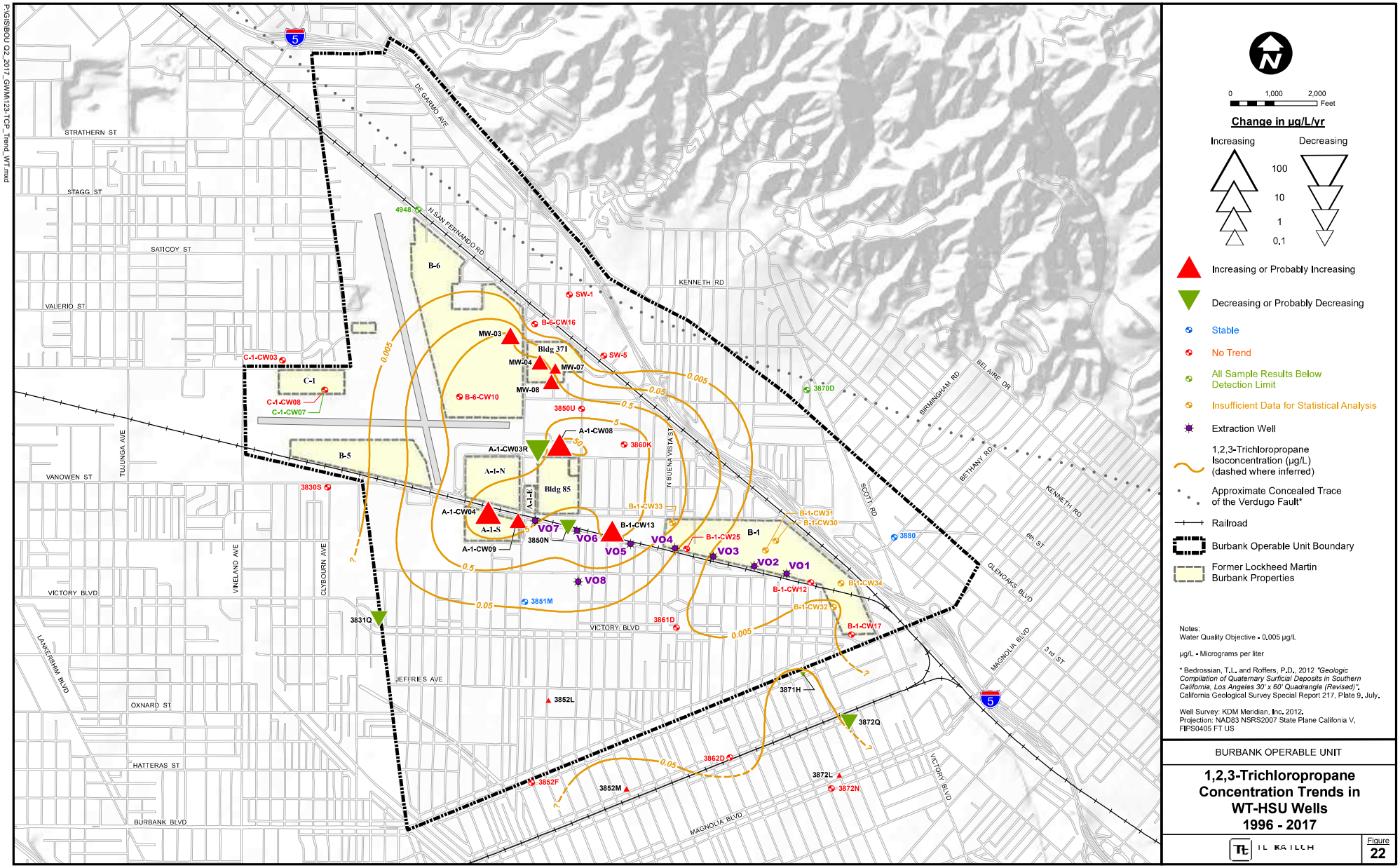
TETRA TECH

Figure 19


P:\GIS\BOU O2_2017_GWMTCE_Trend_WT.mxd
STRATHERN ST
STAGG ST
SATICOY ST
VALERIO ST
VANOWEN ST
VICTORY BLVD
OXNARD ST
HATTERAS ST
BURBANK BLVD
JEFFRIES AVE
VICTORY BLVD
MAGNOLIA BLVD
KENNETH RD
DE GARMO AVE
N SAN FERNANDO RD
TUJUNGA AVE
VINELAND AVE
CLYBOURN AVE
LANKERSHIM BLVD
N BUENA VISTA ST
SCOTT RD
BETHANY RD
BIRMINGHAM RD
BELAIRE DR
GLENOAKS BLVD
MAGNOLIA BLVD
3rd ST
8th ST
B-6
B-5
C-1
A-1-N
A-1-E
A-1-S
Bldg 371
Bldg 85
4948
SW-1
SW-5
B-6-CW16
MW-03
MW-04
MW-07
MW-08
B-6-CW10
C-1-CW03
C-1-CW08
C-1-CW07
3850U
3860K
A-1-CW03R
A-1-CW08
3830S
A-1-CW04
A-1-CW09
3850N
B-1-CW13
B-1-CW33
B-1-CW25
B-1-CW30
B-1-CW31
3880
B-1-CW12
B-1-CW34
B-1-CW32
B-1-CW17
3870D
VO1
VO2
VO3
VO4
VO5
VO6
VO7
VO8
3851M
3831Q
3861D
3871H
3872Q
3852L
3862D
3852F
3852M
3872L
3872N
5
100
50
?
Change in µg/L/yr
Increasing
Decreasing
1,000
100
10
1
0
1,000
2,000
Feet
Increasing or Probably Increasing
Decreasing or Probably Decreasing
Stable
No Trend
All Sample Results Below Detection Limit
Insufficient Data for Statistical Analysis
Extraction Well
Trichloroethene Isoconcentration (µg/L) (dashed where inferred)
Intermediate Isoconcentration Contour
Approximate Concealed Trace of the Verdugo Fault*
Railroad
Burbank Operable Unit Boundary
Former Lockheed Martin Burbank Properties
Notes:
Water Quality Objective - 5.0 µg/L
µg/L - Micrograms per liter
* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)". California Geological Survey Special Report 217, Plate 9, July.
Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V. FIPS0405 FT US
BURBANK OPERABLE UNIT
Trichloroethene Concentration Trends in WT-HSU Wells 1996 - 2017
Figure 20



P:\GIS\BOU Q2_2017_GWMATCE_Trend_BZone.mxd



Notes:
Water Quality Objective - 0.005 µg/L

µg/L - Micrograms per liter

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*, California Geological Survey Special Report 217, Plate 9, July.

Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

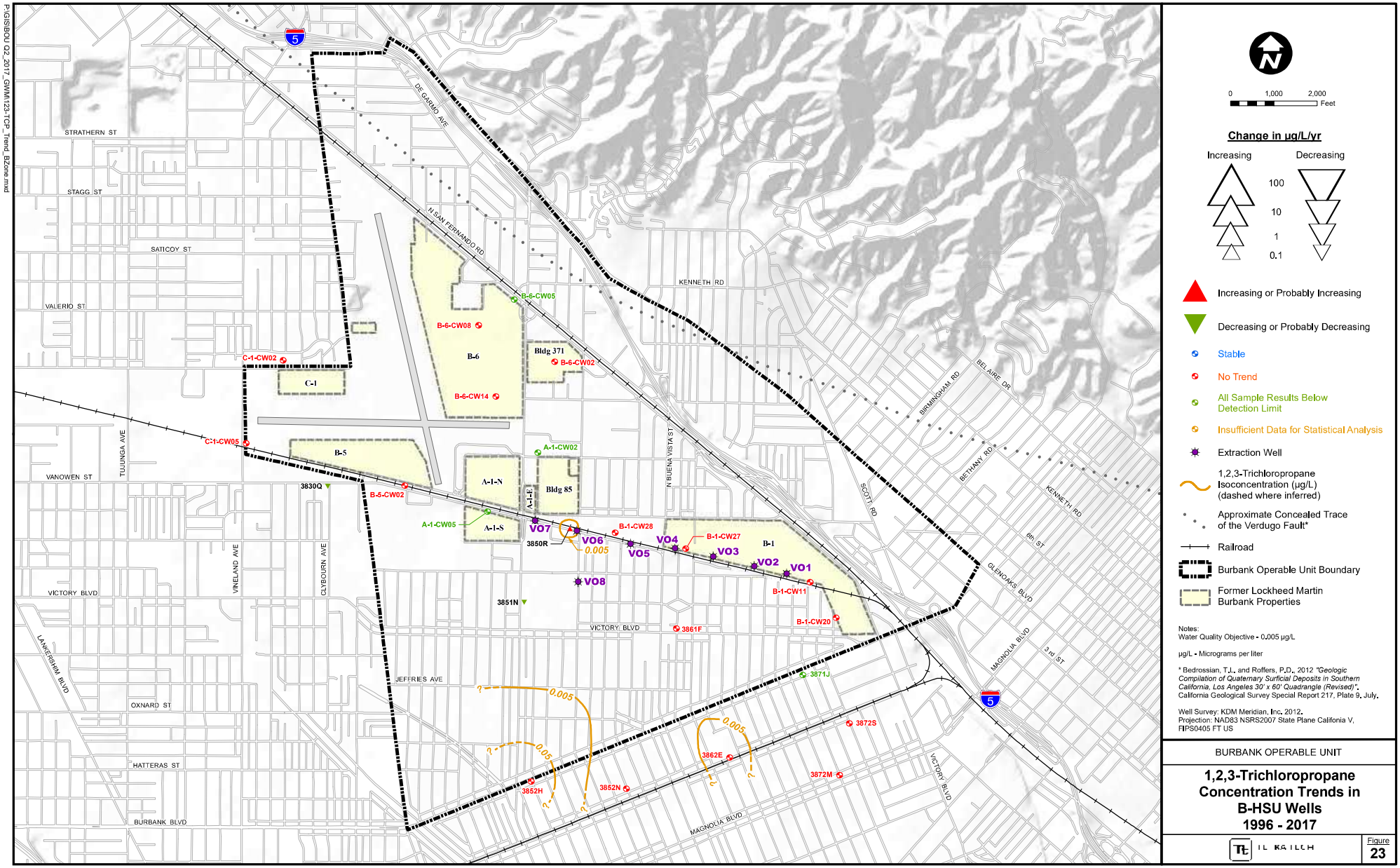
BURBANK OPERABLE UNIT

1,2,3-Trichloropropane Concentration Trends in WT-HSU Wells 1996 - 2017

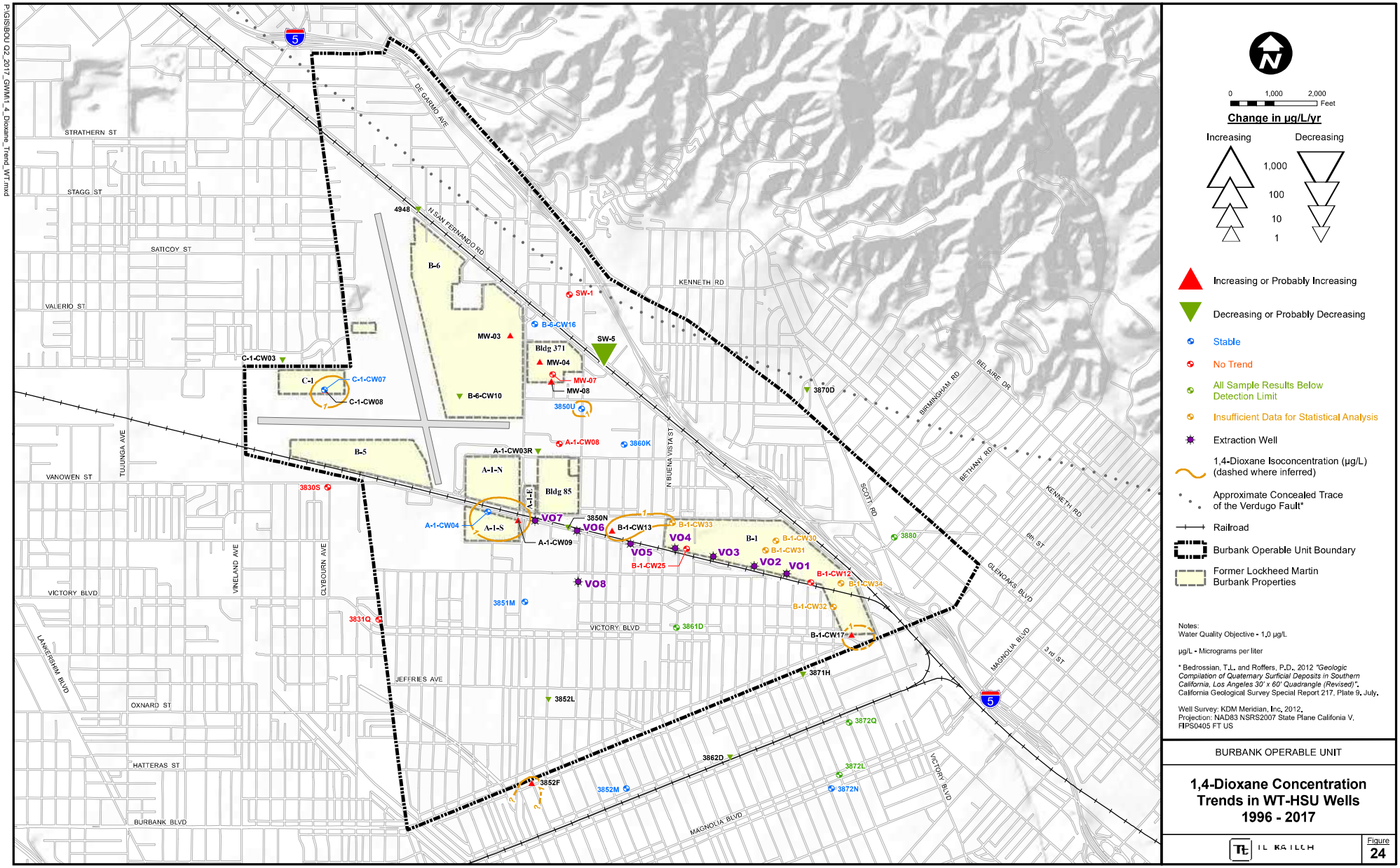
TETRA TECH

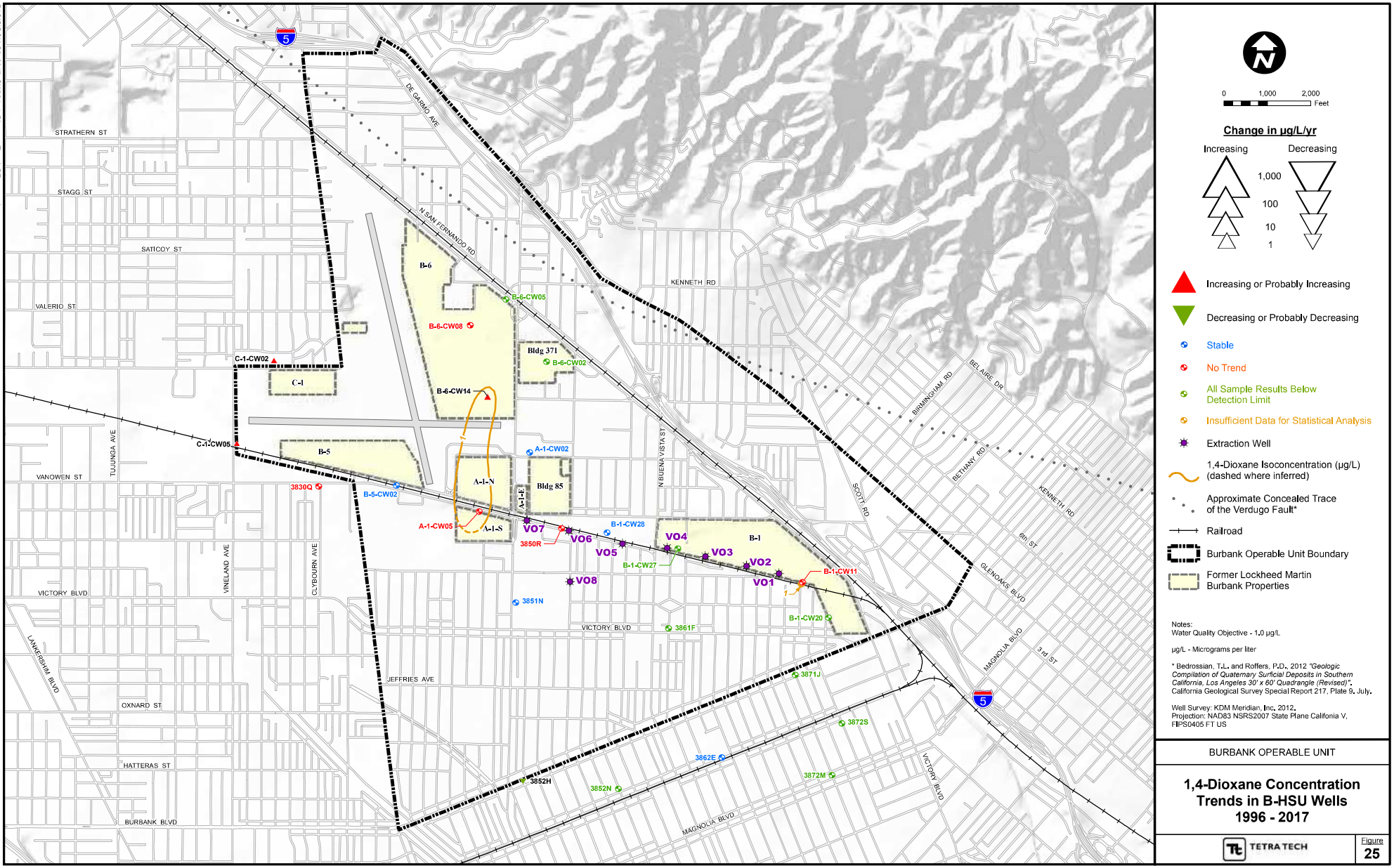
Figure 22

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P:\GIS\BOU Q2_2017_GWM\123-TCP_Trend_BZone.mxd


P:\GIS\BOU Q2_2017_GWM\1_4_Dioxane_Trend_WT.mxd
STRATHERN ST
STAGG ST
SATICOY ST
VALERIO ST
VANOWEN ST
VICTORY BLVD
OXNARD ST
HATTERAS ST
BURBANK BLVD
JEFFRIES AVE
VICTORY BLVD
KENNETH RD
DE GARMO AVE
N SAN FERNANDO RD
TUJUNGA AVE
VINELAND AVE
CLYBOURN AVE
LAKESHIM BLVD
N BUENA VISTA ST
SCOTT RD
BIRMINGHAM RD
BELAIRE DR
BETHANY RD
KENNETH RD
8th ST
GLENOAKS BLVD
MAGNOLIA BLVD
3rd ST
MAGNOLIA BLVD
VICTORY BLVD
B-6
B-5
C-1
A-1-N
A-1-S
A-1-E
Bldg 371
Bldg 85
MW-03
MW-04
MW-07
MW-08
B-6-CW10
C-1-CW03
C-1-CW07
C-1-CW08
A-1-CW03R
A-1-CW04
A-1-CW08
A-1-CW09
B-6-CW16
B-1-CW13
B-1-CW25
B-1-CW33
B-1-CW30
B-1-CW31
B-1-CW12
B-1-CW34
B-1-CW32
B-1-CW17
SW-1
SW-5
4948
3830S
3831Q
3850N
3850U
3851M
3852L
3852F
3852M
3860K
3861D
3862D
3870D
3871H
3872Q
3872L
3872N
3880
VO1
VO2
VO3
VO4
VO5
VO6
VO7
VO8
B-1
0
1,000
2,000
Feet
Change in µg/L/yr
Increasing
Decreasing
1,000
100
10
1
Increasing or Probably Increasing
Decreasing or Probably Decreasing
Stable
No Trend
All Sample Results Below Detection Limit
Insufficient Data for Statistical Analysis
Extraction Well
1,4-Dioxane Isoconcentration (µg/L) (dashed where inferred)
Approximate Concealed Trace of the Verdugo Fault*
Railroad
Burbank Operable Unit Boundary
Former Lockheed Martin Burbank Properties
Notes:
Water Quality Objective - 1.0 µg/L
µg/L - Micrograms per liter
* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)", California Geological Survey Special Report 217, Plate 9, July.
Well Survey: KDM Meridian, Inc, 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US
BURBANK OPERABLE UNIT
1,4-Dioxane Concentration Trends in WT-HSU Wells 1996 - 2017
Figure 24



Notes:
Water Quality Objective - 1.0 µg/L

µg/L - Micrograms per liter

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9, July.

Well Survey: KDM Meridian, Inc, 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

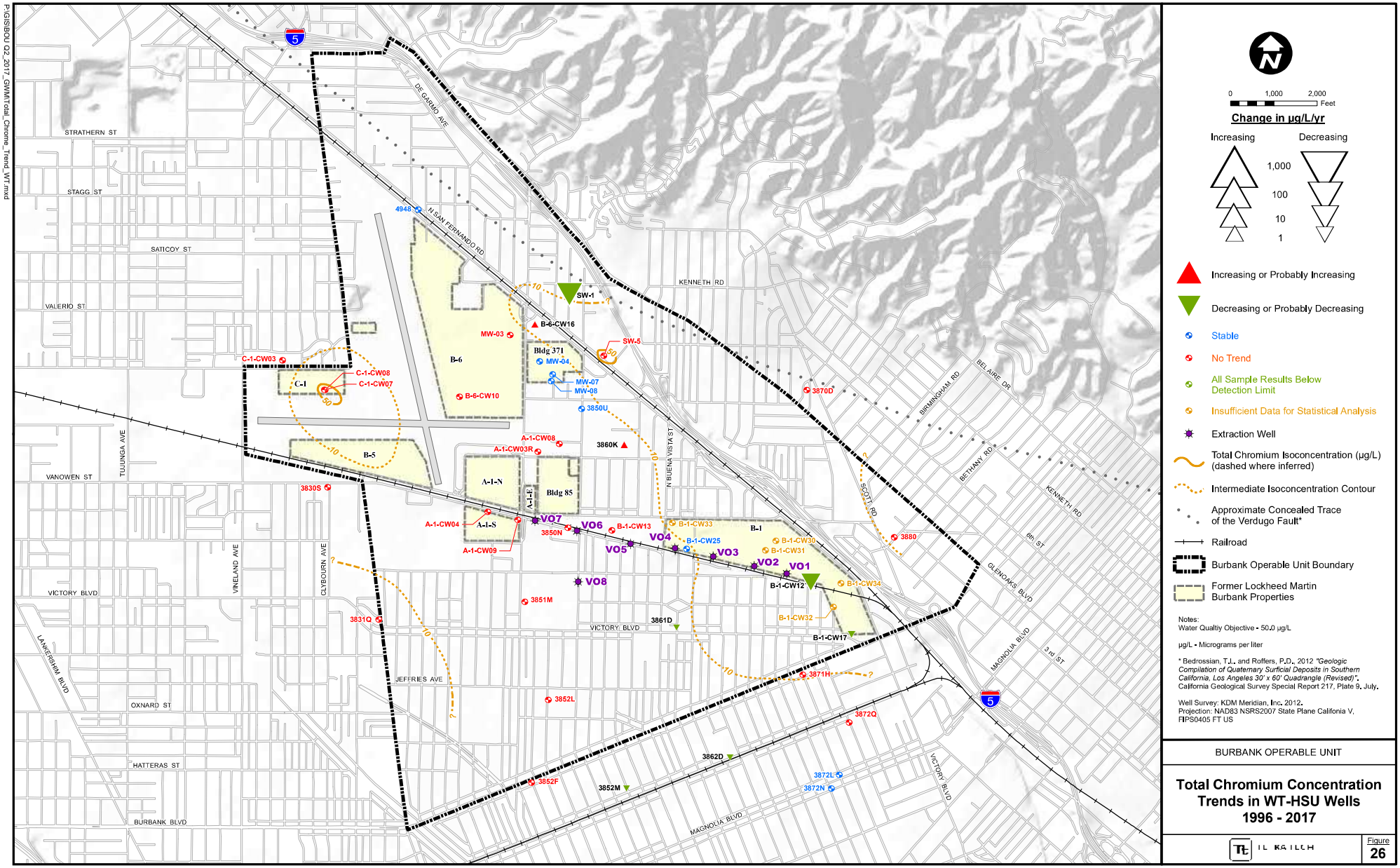
BURBANK OPERABLE UNIT

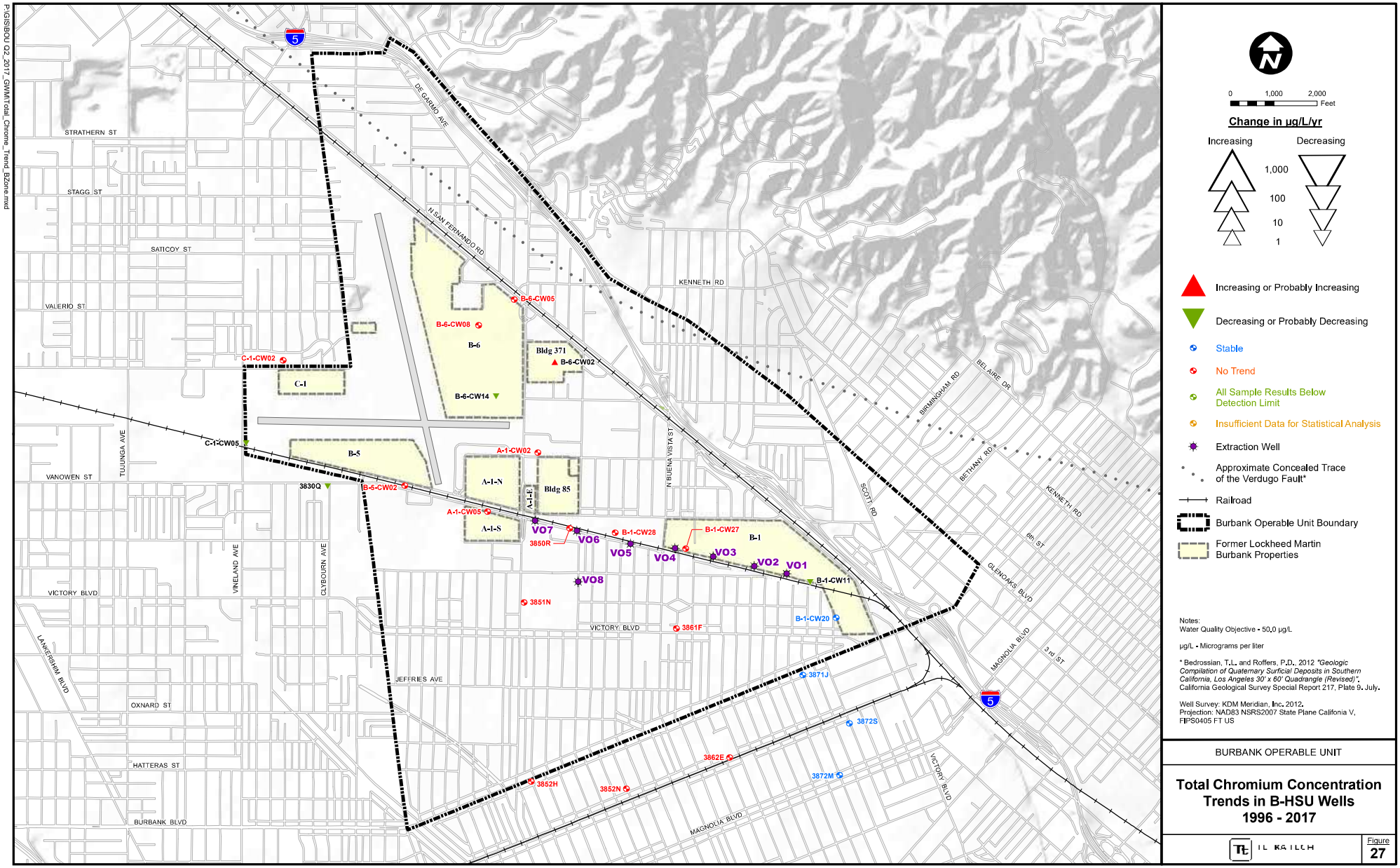
1,4-Dioxane Concentration Trends in B-HSU Wells 1996 - 2017

TETRA TECH

Figure 25

P:\GIS\BOU 02_2017_GWM\1_4_Dioxane_Trend_B2one.mxd


P:\GIS\BOU Q2_2017_GWMT\tal_Chrome_Trend_WT.mxd
STRATHERN ST
STAGG ST
SATICOY ST
VALERIO ST
VANOWEN ST
VICTORY BLVD
OXNARD ST
HATTERAS ST
BURBANK BLVD
LANKERSHIM BLVD
TUJUNGA AVE
VINELAND AVE
CLYBOURN AVE
JEFFRIES AVE
DE GARMO AVE
N SAN FERNANDO RD
KENNETH RD
N BUENA VISTA ST
SCOTT RD
BIRMINGHAM RD
BELAIRE DR
BETHANY RD
GLENOAKS BLVD
MAGNOLIA BLVD
3rd ST
8th ST
4948
SW-1
B-6-CW16
MW-03
Bldg 371
MW-04
SW-5
MW-07
MW-08
3850U
B-6
B-6-CW10
C-1-CW03
C-1-CW08
C-1-CW07
C-1
B-5
A-1-CW08
A-1-CW03R
3860K
A-1-N
A-1-E
Bldg 85
A-1-S
A-1-CW04
A-1-CW09
3830S
3850N
VO7
VO6
B-1-CW13
B-1-CW33
VO4
B-1-CW25
VO5
VO3
VO2
VO1
B-1-CW30
B-1-CW31
B-1
B-1-CW12
B-1-CW34
VO8
3851M
3831Q
3861D
B-1-CW32
B-1-CW17
3871H
3852L
3872Q
3862D
3852F
3852M
3872L
3872N
3870D
3880
0
1,000
2,000
Feet
Change in µg/L/yr
Increasing
Decreasing
1,000
100
10
1
Increasing or Probably Increasing
Decreasing or Probably Decreasing
Stable
No Trend
All Sample Results Below Detection Limit
Insufficient Data for Statistical Analysis
Extraction Well
Total Chromium Isoconcentration (µg/L) (dashed where inferred)
Intermediate Isoconcentration Contour
Approximate Concealed Trace of the Verdugo Fault*
Railroad
Burbank Operable Unit Boundary
Former Lockheed Martin Burbank Properties
Notes:
Water Qualtiy Objective - 50.0 µg/L
µg/L - Micrograms per liter
* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)". California Geological Survey Special Report 217, Plate 9, July.
Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US
BURBANK OPERABLE UNIT
Total Chromium Concentration Trends in WT-HSU Wells 1996 - 2017
Figure 26



Notes:
Water Quality Objective - 50.0 µg/L

µg/L - Micrograms per liter

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9. July.

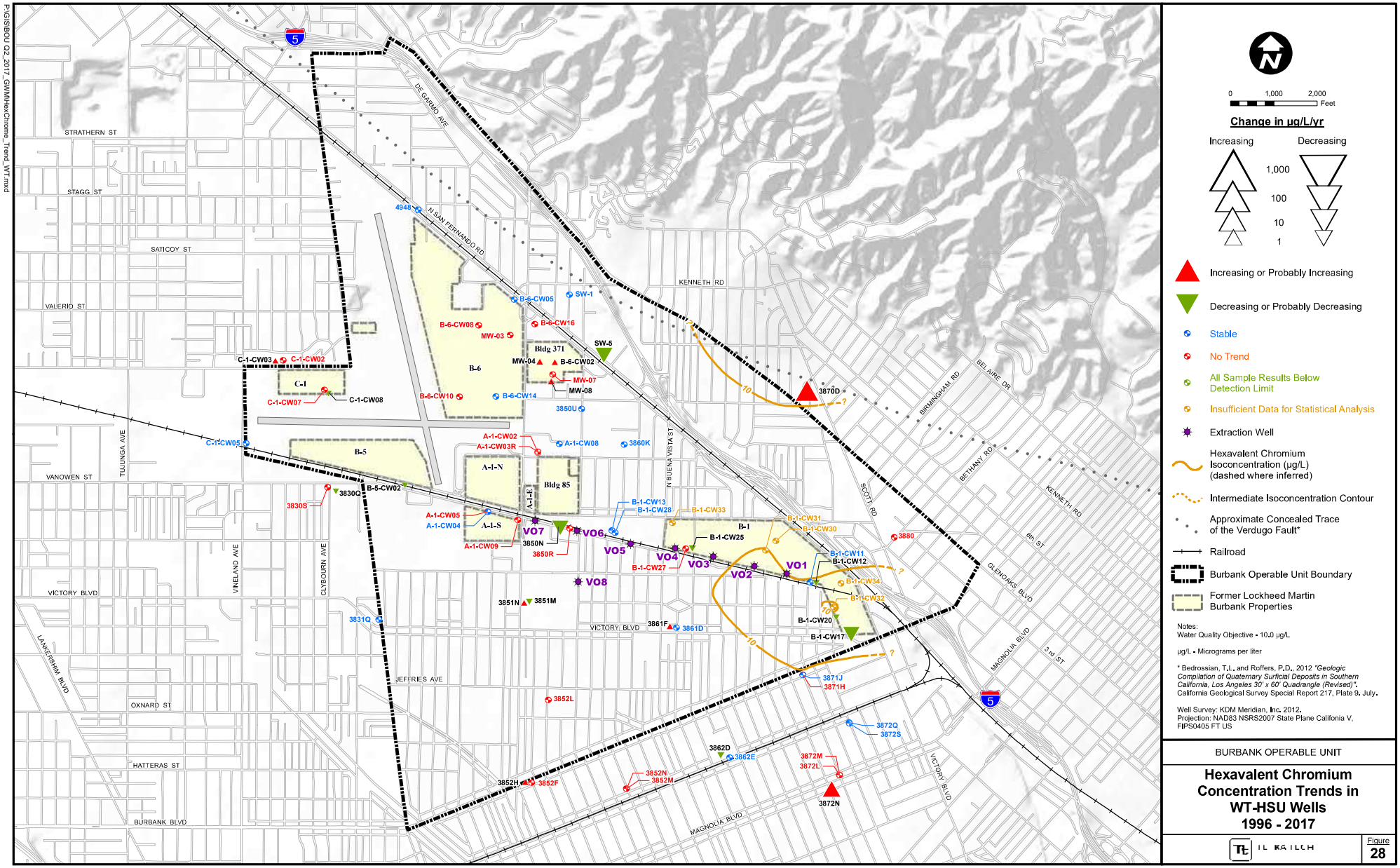
Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

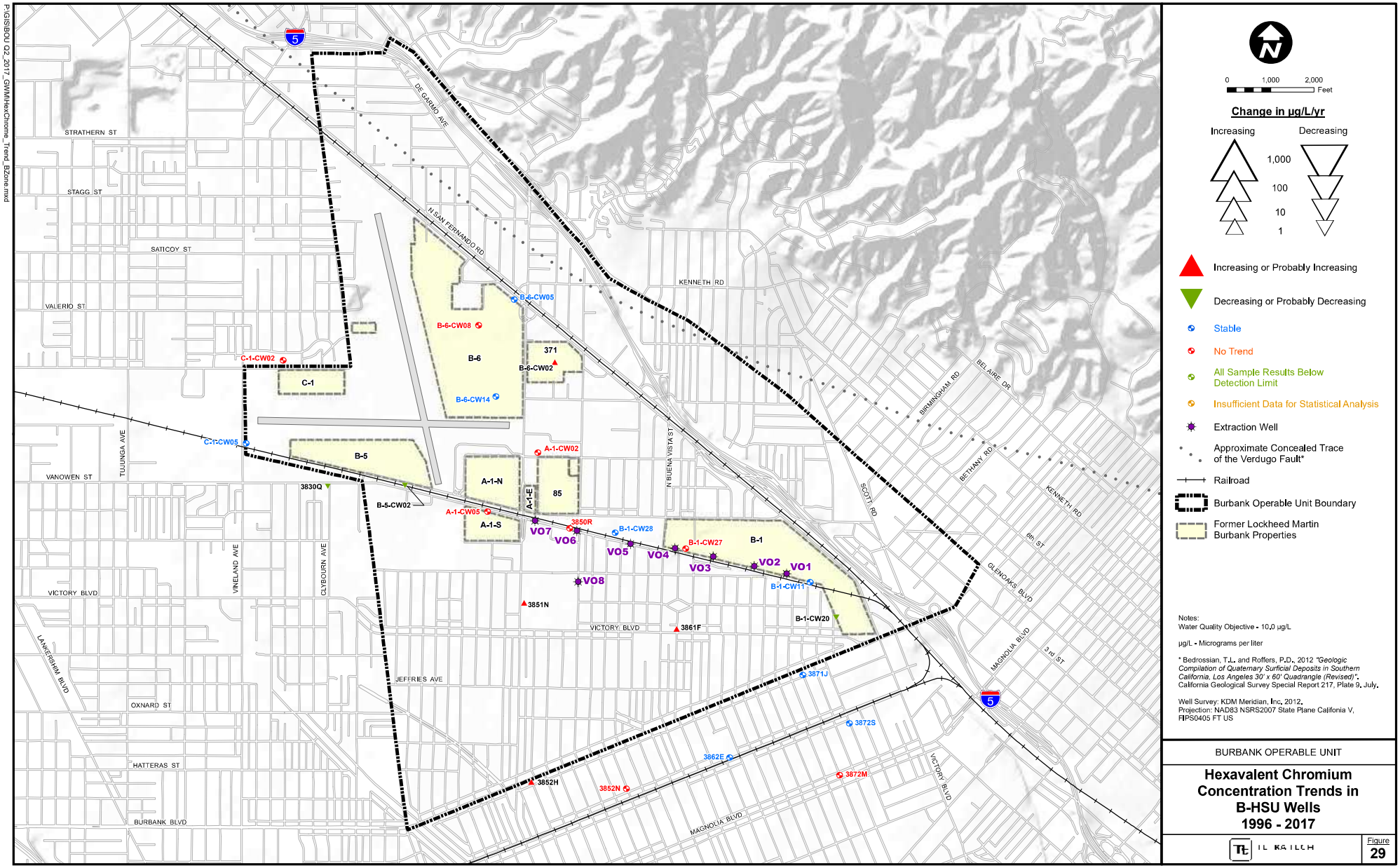
BURBANK OPERABLE UNIT

Total Chromium Concentration Trends in B-HSU Wells 1996 - 2017

TETRA TECH

Figure 27


P:\GIS\BOU Q2_2017_GWM\HexChrome_Trend_WT.mxd
STRATHERN ST
STAGG ST
SATICOY ST
VALERIO ST
VANOWEN ST
VICTORY BLVD
OXNARD ST
HATTERAS ST
BURBANK BLVD
JEFFRIES AVE
LANKERSHIM BLVD
VINELAND AVE
CLYBOURN AVE
TUJUNGA AVE
DE GARMO AVE
N SAN FERNANDO RD
KENNETH RD
N BUENA VISTA ST
SCOTT RD
BIRMINGHAM RD
BELAIRE DR
BETHANY RD
GLENOAKS BLVD
MAGNOLIA BLVD
9th ST
3rd ST
4948
B-6-CW05
SW-1
B-6-CW08
B-6-CW16
MW-03
Bldg 371
SW-5
C-1-CW03
C-1-CW02
MW-04
B-6-CW02
B-6
C-1
MW-07
MW-08
C-1-CW07
C-1-CW08
B-6-CW10
B-6-CW14
3850U
3870D
C-1-CW05
A-1-CW02
A-1-CW03R
A-1-CW08
3860K
B-5
A-1-N
Bldg 85
A-1-E
3830Q
B-5-CW02
3830S
A-1-CW05
A-1-CW04
A-1-S
A-1-CW09
VO7
3850N
3850R
VO6
VO5
VO4
VO3
VO2
VO1
VO8
B-1-CW13
B-1-CW28
B-1-CW33
B-1-CW31
B-1-CW30
B-1
B-1-CW25
B-1-CW27
3880
B-1-CW11
B-1-CW12
B-1-CW34
B-1-CW32
B-1-CW20
B-1-CW17
3851N
3851M
3831Q
3861F
3861D
3871J
3871H
3852L
3872Q
3872S
3862D
3862E
3872M
3872L
3872N
3852H
3852F
3852N
3852M
10
?
0
1,000
2,000
Feet
Change in µg/L/yr
Increasing
Decreasing
1,000
100
10
1
Increasing or Probably Increasing
Decreasing or Probably Decreasing
Stable
No Trend
All Sample Results Below Detection Limit
Insufficient Data for Statistical Analysis
Extraction Well
Hexavalent Chromium Isoconcentration (µg/L) (dashed where inferred)
Intermediate Isoconcentration Contour
Approximate Concealed Trace of the Verdugo Fault*
Railroad
Burbank Operable Unit Boundary
Former Lockheed Martin Burbank Properties
Notes:
Water Quality Objective - 10.0 µg/L
µg/L - Micrograms per liter
* Bedrossian, T.L. and Roffers, P.D., 2012 "Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)". California Geological Survey Special Report 217, Plate 9. July.
Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US
BURBANK OPERABLE UNIT
Hexavalent Chromium Concentration Trends in WT-HSU Wells 1996 - 2017
Figure 28



Notes:
Water Quality Objective - 10.0 µg/L

µg/L - Micrograms per liter

* Bedrossian, T.L. and Roffers, P.D., 2012 *"Geologic Compilation of Quaternary Surficial Deposits in Southern California, Los Angeles 30' x 60' Quadrangle (Revised)"*. California Geological Survey Special Report 217, Plate 9, July.

Well Survey: KDM Meridian, Inc. 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

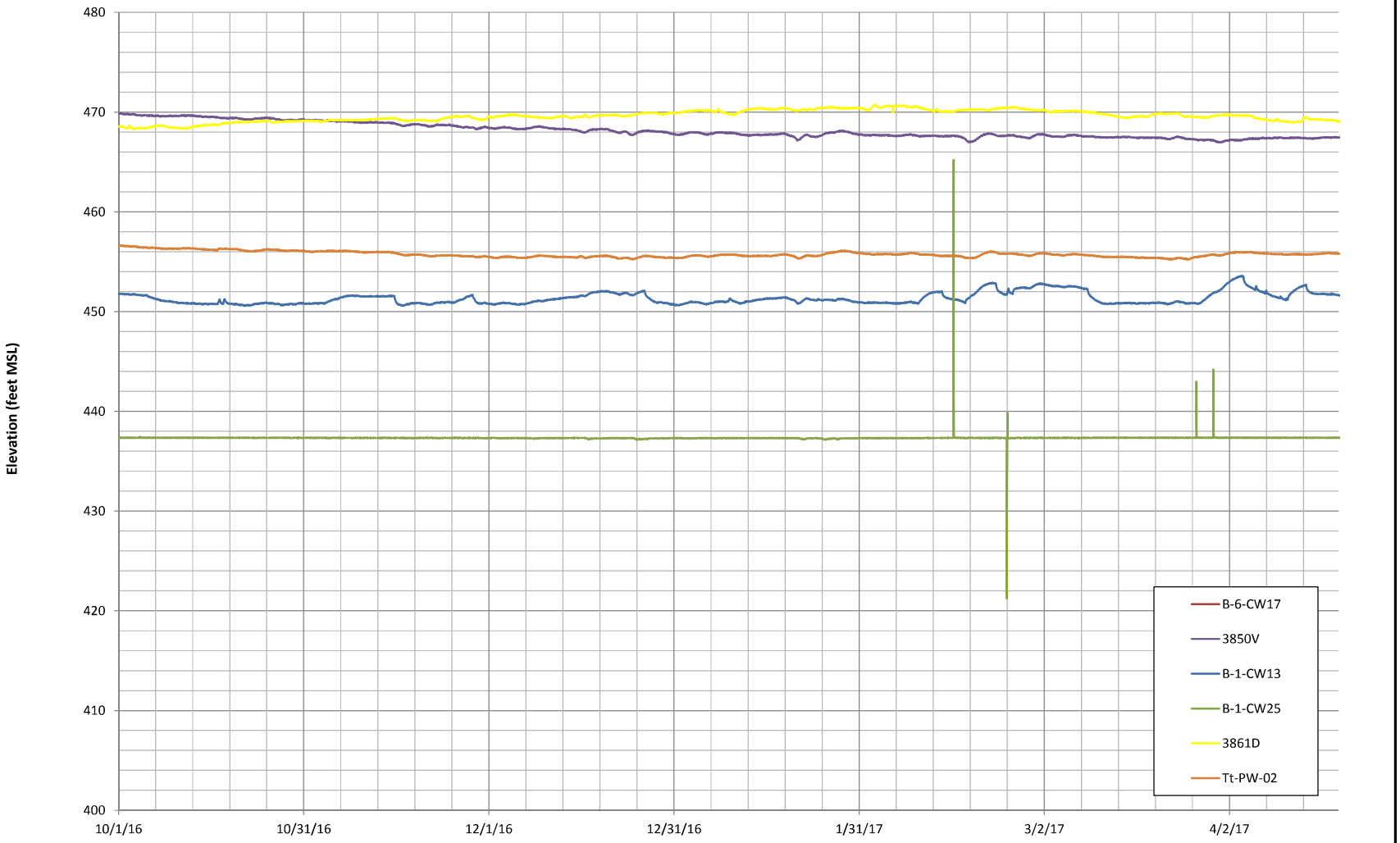
BURBANK OPERABLE UNIT

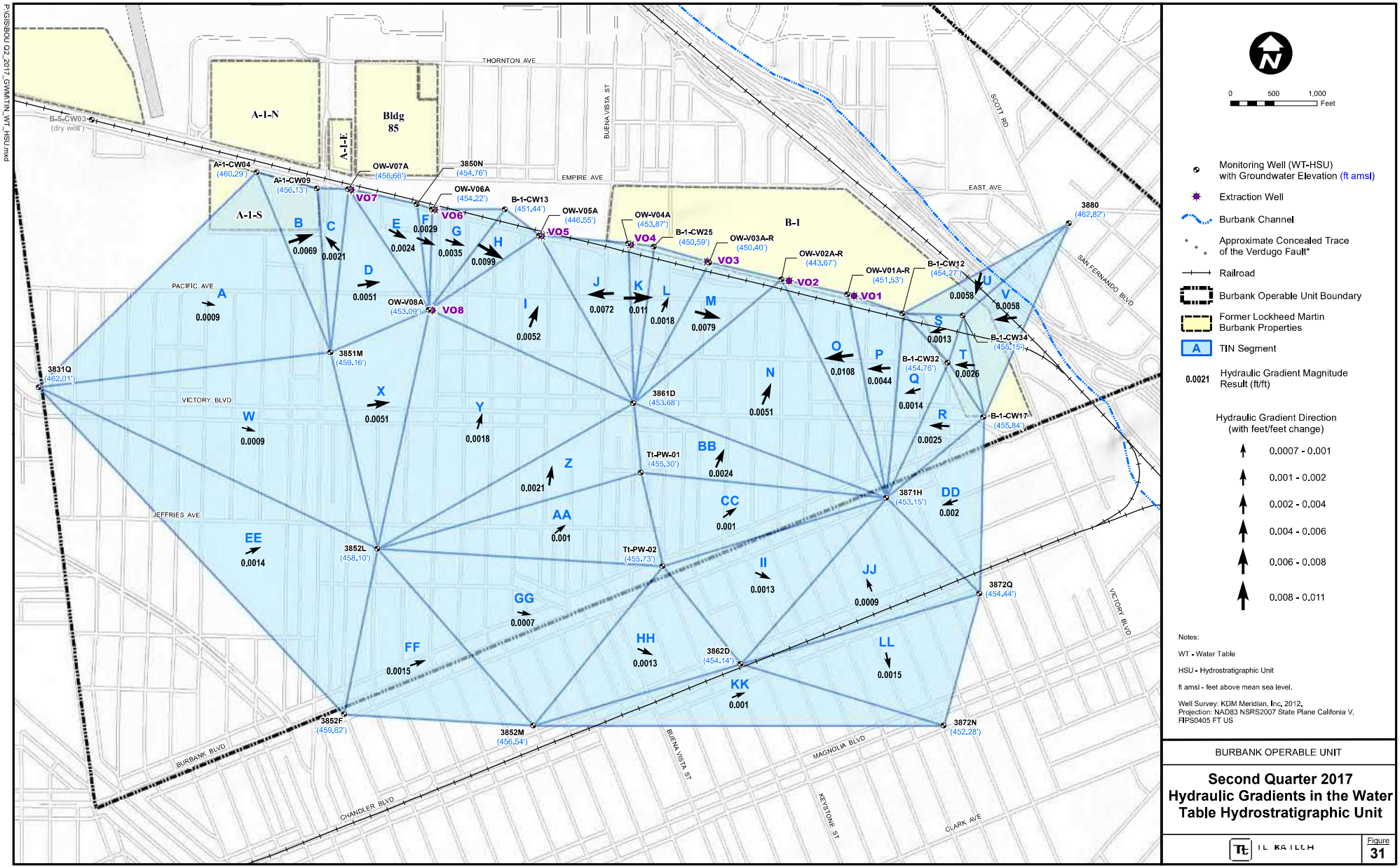
Hexavalent Chromium Concentration Trends in B-HSU Wells 1996 - 2017

TETRA TECH

Figure 29

Figure 30
BOU Groundwater Production
and Transducer Data from Select Monitoring Wells





PGIS\SOU 02_2017_GWMTIN_WT_HSU.mxd

Notes:

WT - Water Table

HSU - Hydrostratigraphic Unit

ft amsl - feet above mean sea level.

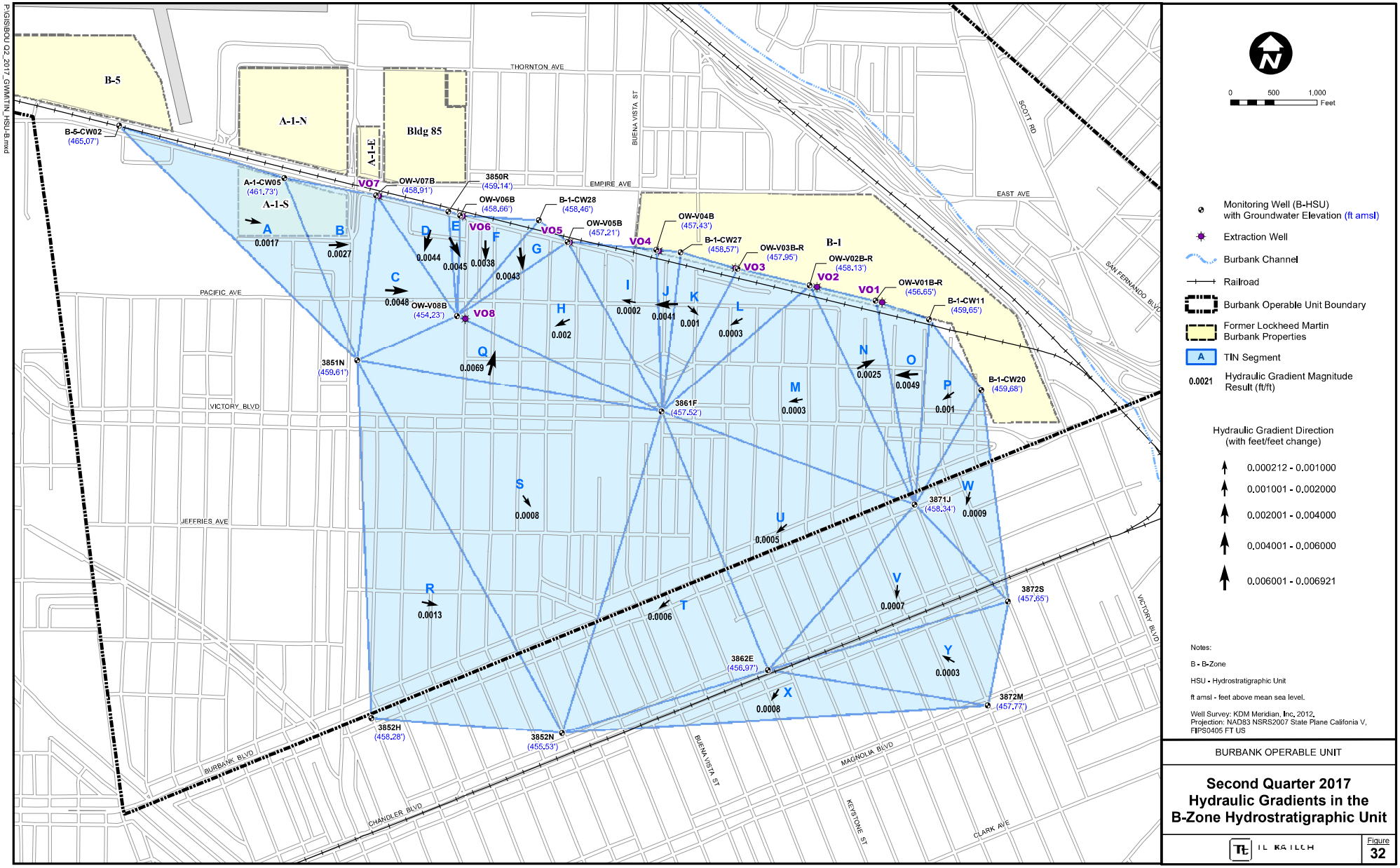
Well Survey: KDM Meridian, Inc, 2012.
Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

BURBANK OPERABLE UNIT

Second Quarter 2017 Hydraulic Gradients in the Water Table Hydrostratigraphic Unit

Tt LOCKHEED

Figure 31



Notes:

B - B-Zone

HSU - Hydrostratigraphic Unit

ft amsl - feet above mean sea level.

Well Survey: KDM Meridian, Inc, 2012. Projection: NAD83 NSRS2007 State Plane California V, FIPS0405 FT US

BURBANK OPERABLE UNIT

Second Quarter 2017 Hydraulic Gradients in the B-Zone Hydrostratigraphic Unit

Figure 32

P:\GIS\BOU 02_2017_GWMTN_HSU-B.mxd

APPENDICES

Appendix A
Conceptual Site Model

Annual Groundwater Monitoring Report, Second Quarter 2017

Lockheed Martin Corporation

Burbank Operable Unit, Burbank, CA

APPENDIX A
SITE BACKGROUND AND CONCEPTUAL SITE MODEL

This appendix summarizes the site background and conceptual site model (CSM) for the Burbank Operable Unit (BOU) based on the current and previous investigations. The discussion is divided into five main subsections: site background, physical setting, geology, hydrogeology, and groundwater quality.

1.1 SITE BACKGROUND

1.1.1 Site History

From the 1920s to the early 1990s, Lockheed Martin and several aircraft manufacturing/maintenance facilities operated within and around the vicinity of the Burbank Airport (currently the Bob Hope Airport). Lockheed Martin owned and operated a total of nine facilities within the current BOU area. The primary operations at the facilities included the manufacturing and assembly of aircraft and associated components. Other operations performed at the plants included research and development activities, and production of aviation devices. Supporting activities included manufacturing, machining, and assembling of various parts; parts cleaning and painting; and tooling and welding. Primary and support activities required the use and storage of fuel oils, gasoline, paints, primers, and chemicals. Types of oils used included hydraulic, cutting, and lubricating oils. Types of chemicals used included solvents, acids, caustics, and descalers.

Operations at the various plants were discontinued in the early 1990s, and structures associated with the facilities have been demolished. Most of the facilities have been redeveloped into commercial property.

1.1.2 Regulatory Framework

In 1980, the California Department of Health (DOH, currently called the California Department of Health Services (DHS)) requested that all major water providers sample and analyze groundwater

for contamination. Based on analyses of groundwater samples collected within the southeastern portion of the San Fernando Valley(SFV), trichloroethylene (TCE) and tetrachloroethylene (PCE) were detected consistently in a large number of production wells within the North Hollywood and Burbank area at concentrations greater than the maximum contaminant level (MCL) for drinking water. As a result, the United States Environmental Protection Agency (EPA) provided federal funding for the Los Angeles Department of Water and Power to conduct a two-year study to define the extent of contamination. The results of the study, published in 1983, revealed widespread VOC-contaminated groundwater in the SFV.

In 1986, North Hollywood and Burbank were added to the National Priorities List and designated as the North Hollywood and Burbank Operable Units (NHOU and BOU) of Area 1 of the SFV Superfund Site. In October 1988, a Feasibility Study was completed within the BOU.

In June of 1989, a Record of Decision (ROD) for an interim groundwater remedy at the BOU was signed. In March 1992, EPA entered into a Consent Decree (CD) with Lockheed Martin, the City of Burbank, and Weber Aircraft, Inc. Two Explanation of Significant Differences (ESDs) were also signed and incorporated to the 1989 ROD between 1990 and 1997. The CD, ROD, and ESDs stipulated that Lockheed Martin was to design and construct a 9,000-gallon per minute (gpm) groundwater extraction and treatment system that must meet MCLs and SALs, with the exception of nitrate. Furthermore, Lockheed Martin would operate the system for 2 years.

In June 1998, a second Consent Decree was entered. This provided for continued operations and maintenance of the BOU treatment system by the City of Burbank at 9,000 gpm. Funding was to be provided by a trust fund established and funded by parties to the CD.

Since 1996, the BOU treatment system has been fully operational, with downtime attributed to unexpected maintenance/design issues, new chemicals of concern (primarily 1,2,3-trichloropropane (1,2,3-TCP)), and well pump and controls problems. The concentration of PCE and TCE in groundwater effluent from the treatment system has been less than MCLs. Treated groundwater from the blendpoint, which is served to consumers, has met all DHS contaminant goals set forth in the operating permit, as well as the drinking water MCL cleanup goals.

1.1.3 Groundwater Monitoring Program

The groundwater-monitoring program (GMP) for the BOU is conducted in accordance an Operational Sampling Plan (OSP), which describes the objectives, schedule, rationale, analytical methods, and procedures for sampling the groundwater monitoring-well network. The OSP has evolved since its inception in 1997 with the *Draft Phase 2 OSP (HIS Geotrans, 1997)* to incorporate additional requests by the EPA and the California Regional Water Quality Control Board, Los Angeles Region (LARWQCB).

In April 2012, Lockheed Martin submitted the Revised Phase 2 OSP to the EPA that proposed modifications to the BOU GMP (Strategic Engineering & Science, 2012). The 2012 Revised OSP included a groundwater monitoring optimization plan that presented the rationale for selection of COCs for the BOU GMP and elimination of other analytes (e.g., semivolatile organic compounds, pesticides, polychlorinated biphenyls, and radionuclides). During a meeting between Lockheed Martin and the EPA on August 22, 2012, EPA requested implementation of a comprehensive sampling event in order to refine the OSP. A Comprehensive Sampling Event Work Plan was subsequently prepared and submitted to the EPA on February 11, 2013. In April 2013, the EPA approved the revised OSP and Comprehensive Sampling Event Work Plan.

In 2014, Lockheed Martin submitted another Revised OSP (Arcadis, 2014) to the EPA that proposed modifications to optimize the long-term GMP and implement a monitoring schedule that coincides with the EPA's revised Basinwide Groundwater Monitoring Program schedule: every second and fourth quarter for groundwater level monitoring and every second quarter for groundwater sampling for chemical analyses.

In 2017, Lockheed Martin submitted a Revised OSP Addendum (Tetra Tech, 2017) that referenced changes to the groundwater monitoring well network, and included procedures for sampling BOU wells using a low-flow sampling protocol and modifications to the Quality Assurance Project Plan reflecting the current BOU groundwater monitoring project team and data validation procedures.

1.2 PHYSICAL SETTING

The BOU is located in the southeastern portion of the San Fernando Valley (SFV) in the City of Burbank, California. The SFV is a 260-square-mile physiographic basin located in the Transverse Ranges province in southern California. The SFV is bounded to the south by the Santa Monica Mountains, to the west by the Simi Hills, to the north by the Santa Susana and San Gabriel Mountains, and to the east-northeast by the Verdugo and San Gabriel Mountains.

1.3 GEOLOGY

Geologic units underlying the SFV generally consist of the following (from oldest to youngest):

- Mesozoic and older plutonic and metamorphic rocks (crystalline basement)
- Tertiary-age marine sandstone, mudstone, and shale (sedimentary bedrock)
- Unconsolidated Plio-Pleistocene marine and non-marine sediments
- Unconsolidated Quaternary alluvial deposits

The basement and bedrock units crop out in the surrounding hills and mountains that form the valley boundaries. The eastern margin of the valley is bounded by the plutonic and metamorphic rocks of the Verdugo Mountains. The northern margin of the valley is bounded by the sedimentary rocks of the Santa Susana Mountains and the plutonic and metamorphic rocks of the San Gabriel Mountains. The western edge of the valley is defined by the Simi Hills where sedimentary rock is exposed. The southern margin is defined by the Santa Monica Mountains where sedimentary and igneous rocks are exposed.

The Quaternary alluvium beneath the BOU consists of Holocene younger alluvium and Pleistocene older alluvium. The younger alluvium extends from the ground surface to a depth of up to 410 feet below ground surface (bgs). The older alluvium extends from the base of the younger alluvium to depths of up to 1,200 feet bgs or more. The contact between the younger and older alluvium has been reported to be marked by a distinct basal cobble layer (HSI Geotrans, 1997).

The younger alluvium consists of coarse-grained sand, gravel, and cobbles interbedded with finer-grained units of sand, silty sand, sandy silt, silt, and clay. Individual units within the younger alluvium vary in elevation and thickness; the contacts between the units have a northeast-trending

strike and dip towards the southeast. The lithology of the upper portion of the older alluvium varies from sand, gravel, and boulders in the northwestern portion of the BOU to interbedded silt and sand in the eastern and southern portions. The deeper portion of the older alluvium consists of silt and sand with interbedded gravel (HSI Geotrans, 1997.)

The northwest-trending Verdugo fault zone runs along the northeastern boundary of the BOU. The fault zone has been interpreted to be a low-permeability zone that can both impede and direct the flow of groundwater.

1.4 HYDROGEOLOGY

The BOU is located in the San Fernando Basin, which is characterized as water-bearing alluvium that overlies a non-water-bearing bedrock complex of older sedimentary rock formations and crystalline and metamorphic basement complex rock. Groundwater enters the basin by infiltration of surface-water runoff from the highlands, by deep penetration of rain on the valley floor, and by artificial means such as irrigation return or induced recharge. Outflow of groundwater from the basin is through groundwater extraction and a small amount of flow (surface and groundwater) through the Los Angeles Narrows, located southeast of the BOU. Groundwater in the vicinity of the BOU flows mainly through two sedimentary units: the Pleistocene older alluvium and the Holocene younger alluvium. The aquifer in the older alluvium has been observed to be locally semi-confined to confined by clay and silt units, whereas the aquifer in the younger alluvium is generally unconfined to semi-confined depending upon the location and thickness of the fine-grained units (HSI Geotrans, 1997).

The aquifer in the younger alluvium within the BOU has been divided into five hydrostratigraphic units (HSUs) based on electrical resistivity responses in geophysical logs (Hargis & Associates, 1991; Simon Hydro Search, 1993). The five HSUs of the younger alluvium are identified from upper to lower as A′, X, A, Y, and B (HSI Geotrans, 1997). The A′, A, and B HSUs are generally comprised of coarser-grained material (coarse-grained sand, gravel, and cobbles). The X and Y HSUs separate the three HSUs listed above (A′, A, B), and consist of relatively finer-grained material (sand, silty sand, and silt). Based on the stratigraphic position of the units and the groundwater gradient, the A′ HSU, the X HSU, or the A HSU may locally represent water table

conditions depending on geographic location within the project area, and are collectively referred to as water table (WT) HSUs.

The five HSUs of the younger alluvium are encountered throughout much of the southeastern San Fernando Basin. During the 1991 installation of groundwater monitoring wells 3860J, 3870D, 3870E, and 3880 northeast of the BOU, however, boring data and geophysical logs confirmed the absence of the five HSUs and identified the presence of finer-grained silty sands and sandy silts (Hargis and Associates, 1991). Based on the data, a separate HSU with distinct lithology was identified as the K HSU (also considered a WT HSU).

1.5 GROUNDWATER QUALITY

Lockheed Martin has monitored groundwater quality at the BOU since 1986. Based on analysis of the historical data, the following analytes have been selected as primary chemicals of concern for the BOU site: tetrachloroethene (PCE), trichloroethene (TCE), 1,2,3-trichloropropane (1,2,3-TCP), 1,4-dioxane, total chromium, and hexavalent chromium (Tetra Tech, 2004). Overall, TCE and PCE concentrations in shallow groundwater have decreased since data was first collected in 1993. Additionally, analytical results from well clusters have shown that TCE and PCE concentrations in wells screened in the lower HSUs are generally one to two orders of magnitude less than in the WT wells (Earth Tech, 2000; Tetra Tech, 2011).

1.6 REFERENCES

1. Earth Tech, 2000. *Analysis of Groundwater Level Changes at the Burbank Operable Unit Extraction and Treatment Facility, Lockheed Martin Corporation, Burbank, California*.

2. Hargis & Associates, 1991. *Installation of Groundwater Monitoring Wells Along Vanowen Street, Lockheed Engineering and Science Company, Burbank, California*.

3. HSI Geotrans, 1997. *Draft Phase 2 Operational Sampling Plan, Burbank Operable Unit, Burbank, California*. July 11.

4. Simon Hydro Search. 1993. *Phase I Final Remedial Design Report, Burbank Operable Unit, Volumes V & VI prepared for LESAT*. September 30.

5. Tetra Tech, 2004. *Draft Lockheed Martin Corporation Revised Phase 2 Operational Sampling Plan, Burbank Operable Unit, Burbank, California*. February 3.

6. Tetra Tech, 2011. *Semiannual Groundwater Monitoring Report, Third Quarter and Fourth Quarter 2011, Burbank Operable Unit, Burbank, California*. March

Appendix B
Field Data Sheets

Annual Groundwater Monitoring Report, Second Quarter 2017

Lockheed Martin Corporation

Burbank Operable Unit, Burbank, CA

TETRA TECH
201 E. Vanderbilt Way Suite 450
San Bernardino, CA 92408
Telephone: (909) 884-1674
Telefax: (909) 889-1791

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/04/17 SITE NAME / NUMBER BDO

PROGRAM NAME LMC-PBTO

MONITORING WELL IDENTIFICATION 3830Q

SAMPLE I.D. 3830Q-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft bmp) 237.00 WELL DEPTH (ft bmp) 351.50

WATER COLUMN (feet) 122.5 CASING/TUBE DIAMETER (Min) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 4720 3 v (gal/ml) —

PURGING DEVICE: ☒ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (Initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft bmp) 344.5

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1229 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft bmp)	Pump Depth (ft bmp)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1140	Start pump	237.00	344.5										140
1214		237.03		22.57	0.1065	7.47	4.80	0.40	18.4	clear	4760	1.01	
1217		237.04		22.91	0.1065	7.47	8.01	0.39	14.9		5180	1.10	
1220		237.04		22.93	0.1065	7.47	3.33	0.38	14.5		5600	1.19	
1223		237.03		22.65	0.1065	7.47	4.26	0.36	16.2		6020	1.28	
1226	↓	237.03		22.62	0.1063	7.47	3.03	0.37	17.2		6440	1.36	
1229	Sample	237.03	✓	22.26	0.1063	7.46	3.06	0.36	17.3	✓	6860	1.45	↓
							VP						

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 0.34

Water level at time of sampling (ft bmp): 237.03 Turbidity at time of sampling: 3.08

Pump Settings: CPM: 2 PSI: 187 Recharge: 20 Discharge: 10

Comments: Valve high pressure bot

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible] Westlake Way Suite 400
San Bernardino, CA 92408
Telephone (909) 381-1674
Fax/Cell (909) 499-1135

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/04/2017 SITE NAME / NUMBER BOU

PROGRAM NAME LLNL-BOU

MONITORING WELL IDENTIFICATION 38305

SAMPLE I.D. 38305-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 237.12 WELL DEPTH (ft btoc) 262.50

WATER COLUMN (feet) 25.38 CASING/TUBE DIAMETER (ID in) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 2859 3 x (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 250.5

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1413 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1339	Start pump	237.12	250.5				[illegible]						150
1358		237.12		22.36	0.914	7.28	6.85	5.13	127.2	Colorless	2850	1.00	
1401		237.12		22.32	0.912	7.28	7.100	5.16	125.5		3300	1.16	
1404		237.12		22.32	0.911	7.26	8.23	5.24	122.2		3750	1.32	
1407		237.12		22.31	0.909	7.28	6.87	5.21	119.2		4200	1.48	
1410		237.12		22.40	0.909	7.25	6.42	5.36	116.6		4650	1.64	
1413	Sample	237.12		22.41	0.909	7.28	6.71	5.47	114.8		5100	1.80	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — O.O. (ppm): 5.47

Water level at time of sampling (ft btoc): 237.12 Turbidity at time of sampling: 6.71

Pump Settings: CPM: 2 PSI: 130 Recharge: 22 Discharge: 8

Comments: *Use a high pressure control box

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
201 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408
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Telefax (909) 890-1279

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/04/17 SITE NAME / NUMBER BDU

PROGRAM NAME LMC - BDU

MONITORING WELL IDENTIFICATION 3831 G

SAMPLE I.D. 3831G-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 198.51 WELL DEPTH (ft btoc) 254.50

WATER COLUMN (feet) 55.99 CASING/TUBE DIAMETER (I/in) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 3005 3 v (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☑ PID In Casing (ppm) (Initial) 0.0 (vented to) 0.0

IN BREATHING ZONE (ppm) (Initial) 0.0 (vented to) 0.0

FINAL PUMP DEPTH (ft btoc) 239.5

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1014 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min, ml/min)
0904	Start purge	239.5		—									110
0932		198.51		19.89	1.117	7.29	64.8	1.60	-39.3	lightmuy	3080	1.02	
0935		198.51		19.86	1.122	7.29	56.3	1.65	-38.4		3410	1.13	
0938		198.51		19.89	1.123	7.29	49.4	1.61	-37.2		3740	1.24	
0941		198.51		19.90	1.124	7.28	49.4	1.61	-37.1		4070	1.35	
0944		198.51		19.94	1.125	7.28	48.0	1.41	-36.3		4400	1.46	
0947		198.50		20.04	1.124	7.28	42.9	1.56	-35.2		4730	1.57	
0950		198.51		20.15	1.123	7.28	36.9	1.54	-33.6		5060	1.68	
0953		198.51		20.15	1.125	7.28	28.6	1.53	-32.5		5390	1.79	
0956		198.50		20.29	1.124	7.28	29.7	1.58	-30.6	✓	5720	1.90	
0959	✓	198.51	✓	20.45	1.131	7.27	22.5	1.51	-29.5	colorless	6050	2.01	
1002	✓	198.51	✓	20.51	1.131	7.26	14.8	1.56	-28.9	✓	6380	2.12	✓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 1.46

Water level at time of sampling (ft btoc): Turbidity at time of sampling: 12.2

Pump Settings: CPM: 2 PSI: 110 Recharge: 20 Discharge: 10

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
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San Bernardino, CA 92408
Telephone (909) 884-1434
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/28/17 SITE NAME / NUMBER BOU

PROGRAM NAME LMC - BOU

MONITORING WELL IDENTIFICATION 36390

SAMPLE I.D. 36390-N-1702 DUPLICATE I.D.

STATIC WATER LEVEL (ft btoc) 198.51 WELL DEPTH (ft btoc) 254.50

WATER COLUMN (feet) 55.99 CASING/TUBE DIAMETER (ft/in) 2"

WELL /PUMP VOLUME (V) (gal/ml) 3025 1 v (gal/ml)

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ PID ☐ PID In Casing (ppm) (initial) (vented to)

IN BREATHING ZONE (ppm) (initial) (vented to)

FINAL PUMP DEPTH (ft btoc) 239.5

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1014 DUPLICATE SAMPLE TIME

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1005		199.5	239.5	20.57	1.132	7.28	13.9	1.51	-26.3	Colorless	6710	2.23	110
1008		198.51		20.68	1.132	7.28	12.3	1.47	-26.0		7040	2.39	
1011		198.61		20.70	1.131	7.28	12.2	1.47	-25.9		7370	2.45	
1014	Sample	198.51		20.74	1.131	7.27	12.2	1.46	-25.8		7700	2.56	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 1.46

Water level at time of sampling (ft btoc): Turbidity at time of sampling: 12.2

Pump Settings: CPM: 2 PSI: 110 Recharge: 20 Discharge: 10

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.9 L/min.

TETRA TECH
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4/25/17 SITE NAME/ NUMBER BOU

PROGRAM NAME LMC-BOU

MONITORING WELL IDENTIFICATION 3850M Request on 4/25

SAMPLE I.D. 3850M-N-1762 DUPLICATE I.D. — 235.60 hr.

STATIC WATER LEVEL (ft btoc) 28.31 WELL DEPTH (ft btoc) 230.45

WATER COLUMN (feet) 1.74 CASING/TUBE DIAMETER (ft/in) 3/8"

WELL/PUMP VOLUME (V) (gal/ml) 2537 3 v (gal/ml)

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) (vented to)

IN BREATHING ZONE (ppm) 3.1 (initial) (vented to)

FINAL PUMP DEPTH (ft btoc) 230 originally thought 230

SAMPLER'S SIGNATURE

WELL SAMPLE TIME DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm):

Water level at time of sampling (ft btoc): Turbidity at time of sampling:

Pump Settings: CPM: 2 PSI: Recharge: Discharge:

Comments: Insufficient water to Sample. tip of pump in liquid. Cannot Shorten tubing be volume booster would be above water line.

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
1326 Vanderbilt Way Suite 400
San Bernardino, CA 92408
Telephone (909) 381-1674
Telefax (909) 889-1319

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE: 4-13-2017 SITE NAME / NUMBER: LAC BOU

PROGRAM NAME: _____

MONITORING WELL IDENTIFICATION: 3850N

SAMPLE I.D.: 3850N-N-1762 DUPLICATE I.D.: _____

STATIC WATER LEVEL (ft btoc): 204.66 WELL DEPTH (ft btoc): 219.50

WATER COLUMN (feet): — CASING/TUBE DIAMETER (ft/in): 3/4

WELL/PUMP VOLUME (V) (gal/ml): 2350 3 V (gal/ml): —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☑ PID In Casing (ppm) (initial): 0 (vented to): _____

IN BREATHING ZONE (ppm) (initial): 1 (vented to): _____

FINAL PUMP DEPTH (ft btoc): 209.5

SAMPLER'S SIGNATURE: _____

WELL SAMPLE TIME: 1124 DUPLICATE SAMPLE TIME: —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1049	Start Purge	204.60	—										160
1059		204.64	—	22.24	0.904	6.36	1.43	5.78	84.7	clear	2400	1.02	
1102	—	204.64	—	22.50	0.902	6.45	1.80	5.68	79.0	clear	2880	1.23	
1105	—	204.69	—	22.26	0.900	6.61	1.87	5.55	72.0	clear	3360	1.43	
1108	—	204.69	—	22.21	0.899	6.67	1.86	5.54	69.1	clear	3840	1.63	
1111	—	204.64	—	22.09	0.898	6.76	1.72	5.57	66.5	clear	4320	1.84	
1114	—	204.69	—	22.10	0.897	6.80	1.64	5.54	64.3	clear	4800	2.04	
1117	—	204.64	—	22.07	0.897	6.87	1.73	5.50	61.6	clear	5280	2.25	
1120	—	204.64	—	22.24	0.896	6.44	1.89	5.44	58.7	clear	5760	2.45	
1123	End Purge	204.64	—	22.15	0.896	6.97	1.82	5.40	57.7	clear	6240	2.66	
1124	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 204.66 Turbidity at time of sampling: 1.82

Pump Settings: CPM: — PSI: — Recharge: — Discharge: —

Comments: _____

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature select readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-13-17 SITE NAME / NUMBER LMC Bar PURGING DEVICE: ☑ Submersible Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME _____ SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION 3850R OVA: ☐ FID ☑ PID In Casing (ppm) (initial) 0 (vented to) _____

SAMPLE I.D. 3850R DUPLICATE I.D. _____ IN BREATHING ZONE (ppm) (initial) 0 (vented to) _____

STATIC WATER LEVEL (ft btoc) 198.76 WELL DEPTH (ft btoc) 351.5 FINAL PUMP DEPTH (ft btoc) 341.5

WATER COLUMN (feet) _____ CASING/TUBE DIAMETER (in) 3/8 SAMPLER'S SIGNATURE [signature]

WELL/PUMP VOLUME (V) (gal/ml) 5045 3 V (gal/ml) _____ WELL SAMPLE TIME 1316 DUPLICATE SAMPLE TIME _____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1234	Start Pump	195.76	341.5										200
1300	—	198.77	—	23.01	0.633	7.95	5.37	0.47	-40.8	clear	5200	1.03	
1303	—	198.73	—	22.93	0.630	7.95	2.71	0.46	-46.0	clear	5800	1.15	
1306	—	198.71	—	22.75	0.636	7.96	2.34	0.42	-42.6	clear	6400	1.27	
1309	—	198.73	—	23.00	0.637	7.98	2.17	0.37	-41.5	clear	7000	1.39	
1312	—	198.73	—	23.25	0.636	7.99	3.25	0.32	-40.0	clear	7600	1.51	
1315	End Purge	198.73	—	23.30	0.639	7.99	3.82	0.31	-38.2	clear	8200	1.63	
1316	Sample												↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 198.73 Turbidity at time of sampling: 3.82

Pump Settings: CPM: PSI: Recharge _____ Discharge _____

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH (± 0.1)	DO ± 0.5 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
201 E. Yanonali Way Suite 30
San Buenaventura, CA 93001
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Telefax: (805) 644-3836

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 01/25/17 SITE NAME/ NUMBER BOU

PROGRAM NAME LMG-BOU

MONITORING WELL IDENTIFICATION 3850 U

SAMPLE I.D. 3850U-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 227.21 WELL DEPTH (ft btoc) 238.50

WATER COLUMN (feet) 11.29 CASING/TUBE DIAMETER (I/in) 3/8"

WELL /PUMP VOLUME (V) (gal) 2.58 3 v (gal/ml)

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) ____ (vented to) ____

IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

FINAL PUMP DEPTH (ft btoc) 233

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1107 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1025	Set pump	227.21	233										1L0
1052		227.18		23.31	0.988	7.22	3.66	3.47	29.9	Clear	2720	1.05	
1055		227.19		23.37	0.988	7.22	2.62	3.45	28.8		3300	1.24	
1058		227.18		23.52	0.988	7.23	2.95	3.47	28.5		3680	1.42	
1101		227.19		23.62	0.989	7.27	3.01	3.45	28.1		4160	1.61	
1104	↓	227.13	↓	23.69	0.989	7.29	3.18	3.51	28.4	↓	4640	1.79	↓
1107	Sample	227.18	↓	23.74	0.988	7.28	2.98	3.46	28.3	↓	5120	1.98	↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 3.46

Water level at time of sampling (ft btoc): 227.18 Turbidity at time of sampling: 2.98

Pump Settings: CPM: 2 PSI: 115 Recharge: 21 Discharge: 7

Comments: * Used high pressure control box.

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
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Telefax (909) 889-[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/03/2017 SITE NAME / NUMBER BDV

PROGRAM NAME BKD LMC BDV

MONITORING WELL IDENTIFICATION 3851M

SAMPLE I.D. 3851M-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 192.34 WELL DEPTH (ft btoc) 220.12

WATER COLUMN (feet) 27.76 CASING/TUBE DIAMETER (I/in) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 24.21 3 v (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) 0.0 (vented to) 0.0

IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

FINAL PUMP DEPTH (ft btoc) 207.2

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1529 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1501	Start purge	192.36	207.2										195
1514		192.36		20.08	0.760	7.41	3.52	5.63	157.5	Colorless	3535	1.05	
1517		192.38		19.92	0.757	7.39	2.55	5.59	143.1		3120	1.29	
1520		192.37		19.87	0.754	7.40	3.14	5.55	144.0		3705	1.53	
1523		192.37		19.79	0.754	7.40	4.45	5.52	145.1		4290	1.77	
1526		192.37		19.76	0.751	7.40	2.55	5.47	146.4		4875	2.01	
1529	Sample	192.38	↓	19.71	0.749	7.40	2.56	5.46	147.7	↓	5460	2.26	↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{++} (mg/L): — D.O. (ppm): 5.46

Water level at time of sampling (ft btoc): 192.38 Turbidity at time of sampling: 2.56

Pump Settings: CPM: 3 PSI: 105 Recharge: @ 13.5 Discharge: @ 65

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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Telefax (909) 885-4799

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/04/17 SITE NAME / NUMBER BDV

PROGRAM NAME LMC-BDV

MONITORING WELL IDENTIFICATION 3851 N

SAMPLE I.D. 3851N-N-1709 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 191.70 WELL DEPTH (ft btoc) 329.50

WATER COLUMN (feet) 137.8 CASING/TUBE DIAMETER (in/in) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 457.3 3 v (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 314.5

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1637 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/sol)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1553	Start pump	191.70	314.5										100
1622		191.71		21.10	0.614	7.46	7.30	3.76	154.8	Colorless	4640	1.01	
1625		191.72		21.04	0.612	7.46	6.30	3.70	153.5		5120	1.12	
1628		191.72		21.05	0.611	7.46	6.82	3.67	152.8		5600	1.22	
1631		191.72		21.02	0.610	7.46	5.17	3.75	151.1		6080	1.33	
1634		191.72		21.01	0.609	7.46	6.44	3.73	149.8		6560	1.43	
1637	Sample	191.72		21.00	0.607	7.46	4.97	3.69	149.0		7040	1.54	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 3.69

Water level at time of sampling (ft btoc): 191.72 Turbidity at time of sampling: 4.97

Pump Settings: CPM: 2 PSI: 130 Recharge: 21 Discharge: 9

Comments: Use a high pressure control box

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/12/17 SITE NAME / NUMBER BDV

PROGRAM NAME LHC-BDV

MONITORING WELL IDENTIFICATION 3852F-MW

SAMPLE I.D. 3852F-W-1704 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 147.98 WELL DEPTH (ft btoc) ~~Planned~~ 184.50

WATER COLUMN (feet) 36.52 CASING/TUBE DIAMETER (ft/in) 5/3"

WELL/PUMP VOLUME (V) (gal/vol) .0053 3 v (gal/vol) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 166.16

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1529 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1503	Start pump	147.98	166.16										190
1514		147.98		21.01	0.782	6.50	2.28	6.71	159.3	Colorless	2090	1.02	
1517		147.98		20.95	0.771	6.60	2.04	6.61	156.1		2600	1.30	
1520		147.99		20.90	0.770	6.57	2.11	6.71	152.9		3230	1.57	
1523		147.99		20.89	0.770	6.84	2.10	6.61	147.4		3800	1.85	
1526		147.98		20.86	0.770	6.88	2.12	6.61	145.2		4370	2.13	
1529	Sample	147.98		20.86	0.770	6.94	2.08	6.58	142.6		4940	2.41	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 6.58

Water level at time of sampling (ft btoc): 147.98 Turbidity at time of sampling: 2.08

Pump Settings: CPM: 2 PSI: 93 Recharge: 22 Discharge: 8

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/12/17 SITE NAME / NUMBER 80J

PROGRAM NAME LMC-80J

MONITORING WELL IDENTIFICATION 35S21W-02H4

SAMPLE I.D. 35S21W-02H4-N-1704

DUPLICATE I.D.

STATIC WATER LEVEL (ft btoc) 149.99 WELL DEPTH (ft btoc) 303.56

WATER COLUMN (feet) 154.01 CASING/TUBB DIAMETER (IVin) 3/8"

WELL/PUMP VOLUME (V) (gal/vol) 1524 3 v (gal/vol)

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (Initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (Initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 291.00

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1635 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/vol)	Well/Pump Volume Purged	Flow Rate (gal/min ml/min)
1556	Start pump	149.99	291.00										0.10
1620		149.65		20.39	0.500	7.49	4.06	3.37	123.5	Colorless	4620	1.02	
1623		149.64		20.39	0.500	7.51	4.21	3.14	122.4		5250	1.16	
1626		149.64		20.39	0.499	7.52	4.06	3.07	121.5		5830	1.30	
1629		149.64		20.38	0.497	7.54	3.69	2.96	120.4		6510	1.44	
1632	↓	149.64		20.39	0.497	7.54	4.10	2.97	118.5		7140	1.58	
1635	Sample	149.64	↓	20.39	0.496	7.55	3.85	2.92	117.9	↓	7770	1.72	↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm):

Water level at time of sampling (ft btoc): 149.64 Turbidity at time of sampling:

Pump Settings: CPM: 0 PSI: 100 Recharge: 21 Discharge: 9

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 foot and purge rate to less than 0.5 L/min.

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Telefax (909) 889-1319

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/05/17 SITE NAME / NUMBER BDD PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME LMC - BDD SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION 3852L OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

SAMPLE I.D. 3852L-N-1702 DUPLICATE I.D. _____ IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

STATIC WATER LEVEL (ft btoc) 164.87 WELL DEPTH (ft btoc) 183.50 FINAL PUMP DEPTH (ft btoc) 173.1

WATER COLUMN (feet) 18.63 CASING/TUBE DIAMETER (ftMn) 3/8" SAMPLER'S SIGNATURE _____

WELL PUMP VOLUME (V) (gal/ml) 2.014 3 v (gal/ml) _____ WELL SAMPLE TIME 1503 DUPLICATE SAMPLE TIME _____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1436	Start Purg	164.87	173.1										175
1448		164.95		21.37	0.991	7.44	2.65	7.67	82.8	Pumice	2040	1.01	150
1451		164.91		21.21	0.988	7.43	2.56	7.43	78.9		2490	1.24	
1454		164.91		21.11	0.986	7.42	2.61	7.17	78.4		2940	1.46	
1457		164.91		21.02	0.986	7.42	2.02	6.98	76.0		3390	1.68	
1500		164.91		20.99	0.987	7.41	3.14	6.80	74.1		3840	1.91	
1503	Sample	164.90		20.84	0.985	7.41	0.37	6.70	78.6		4290	2.13	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): _____ Fe^{+2} (mg/L): _____ D.O. (ppm): 6.70

Water level at time of sampling (ft btoc): 164.90 Turbidity at time of sampling: 2.37

Pump Settings: CPM: 2 PSI: 85 Recharge: 20 Discharge: 8

Comments: _____

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3%
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10%)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TERRATECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET – SAMPLING

DATE 04/03/17 SITE NAME / NUMBER BDU

PROGRAM NAME LMC - BDU

MONITORING WELL IDENTIFICATION 387374 385214

SAMPLER I.D. [illegible] DUPLICATE I.D. 385214-FD-1702

STATIC WATER LEVEL (ft bloc) 136.82 WELL DEPTH (ft bloc) 230.60

WATER COLUMN (feet) 93.78 CASING/TUBE DIAMETER (3/4in) 3/8"

WELL/PUMP VOLUME (V) (gal) 3182 3 x (gal/vol)

PURGING DEVICE: [X] Dedicated Pump [ ] Peristaltic Pump [ ] Bladder Pump

SAMPLING DEVICE: [ ] Purging Pump [X] Disposable Bailer [ ] Other

OVA: [ ] FID [X] PID In Casing (ppm) (initial) 0.0 (vented to) 0.0

IN BREATHING ZONE (ppm) (initial) 0.0 (vented to) 0.0

FINAL PUMP DEPTH (ft bloc) 217.5

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1329 DUPLICATE SAMPLE TIME 1329

Time	Activity	Water Level (ft bloc)	Pump Depth (ft bloc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1255	Start purge	136.82	217.5										225
1314	"	136.85		19.86	0.527	7.97	6.20	3.28	31.1	Light brown	3375	1.06	
1317		136.84		20.08	0.536	7.93	6.33	1.67	41.6		4050	1.27	
1320		136.85		19.98	0.535	7.93	6.68	0.99	39.3		4725	1.49	
1323		136.83		19.91	0.535	7.91	5.19	0.79	35.1		5400	1.70	
1326	V	136.83	V	17.85	0.533	7.83	5.73	0.70	35.8		6075	1.91	V
1329	Sample	136.83	V	19.98	0.532	7.87	5.59	0.66	36.5	V	6750	2.12	V

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 0.66

Water level at time of sampling (ft bloc): 136.83 Turbidity at time of sampling: 5.59

Pump Settings: CPM: 5 PSI: 85 Recharge: 10 Discharge: 9

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature (most readings)	Conductivity ± 3%
pH ± 0.1	DO ± 0.2 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 20 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/03/17 SITE NAME / NUMBER BOU

PROGRAM NAME LMC-BOU

MONITORING WELL IDENTIFICATION 385a N

SAMPLE I.D. 385a N-N 1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 136.89 WELL DEPTH (ft btoc) 308.48

WATER COLUMN (feet) 171.79 CASING/TUBE DIAMETER (Inch) 3/8

WELL /PUMP VOLUME (V) Gal 4681-10 3 v (gal/ml) —

PURGING DEVICE: ☒ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 292.5

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1158 DUPLICATE SAMPLE TIME _____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1050	Arrive	at well	292.5										195
1118	Start pump												
1142		136.89		20.24	0.465	7.75	5.05	4.18	138.4	Colorless	4875	1.04	
1146		136.88		20.23	0.470	7.74	3.08	4.37	132.4		5460	1.17	
1149		136.89		20.23	0.473	7.73	2.54	4.42	129.7		6045	1.29	
1152		136.88		20.24	0.476	7.73	3.31	4.44	127.6		6630	1.42	
1155	↓	136.89		20.50	0.476	7.73	2.91	4.46	126.4		7215	1.54	
1158	Sample	136.89	↓	20.31	0.476	7.73	3.53	4.51	125.2	↓	7800	1.67	↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 4.5

Water level at time of sampling (ft btoc): 136.89 Turbidity at time of sampling: 3.53

Pump Settings: CPM: 3 PSI: 87 Recharge: 11 Discharge: 9

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/07/17 SITE NAME / NUMBER KDV

PROGRAM NAME AEC-KDV

MONITORING WELL IDENTIFICATION 38605

SAMPLE I.D. 38605-M-1702 DUPLICATE I.D.

STATIC WATER LEVEL (ft btoc) 205.62 WELL DEPTH (ft btoc) 209.5

WATER COLUMN (feet) 8.88 CASING/TUBE DIAMETER (ft/in) 3½"

WELL /PUMP VOLUME (V) (gal/ml) 1 v (gal/ml)

PURGING DEVICE: ☐ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) (vented to)

IN BREATHING ZONE (ppm) (initial) (vented to)

FINAL PUMP DEPTH (ft btoc) 214.50

SAMPLER'S SIGNATURE

WELL SAMPLE TIME DUPLICATE SAMPLE TIME

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)

Colorimetric test (taken prior to sampling) Sulfide (mg/L): Fe^{+2} (mg/L): D.O. (ppm):

Water level at time of sampling (ft btoc): Turbidity at time of sampling:

Pump Settings: CPM: PSI: Recharge: Discharge:

Comments: Unable to sample pump above water -

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/28/17 SITE NAME / NUMBER BOU

PROGRAM NAME LOC.-BOU

MONITORING WELL IDENTIFICATION 3860J

SAMPLE I.D. 3860J-N-1702 DUPLICATE I.D. ____

STATIC WATER LEVEL (ft btoc) 205.78 WELL DEPTH (ft btoc) 209.90

WATER COLUMN (feet) 8.72 CASING/TUBE DIAMETER (ID/in) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 2323 3 v (gal/ml) ____

PURGING DEVICE: ☐ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) ____ (vented to) ____

IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

FINAL PUMP DEPTH (ft btoc) 209.80

SAMPLER'S SIGNATURE ____

WELL SAMPLE TIME ____ DUPLICATE SAMPLE TIME ____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/vol)	Well/Pump Volumes Purged	Flow Rate (gal/min or ml/min)
			209										

Colorimetric test (taken prior to sampling) Sulfide (mg/L): ____ Fe^{+2} (mg/L): ____ D.O. (ppm): ____

Water level at time of sampling (ft btoc): ____ Turbidity at time of sampling: ____

Pump Setting: ____ CFM: ____ PSI: ____ Recharge: ____ Discharge: ____

Comments: Retagged well, TD=209.90, pump intake is wet, pump pulled after on tip covered in fine-grained sediment, casing shortened, tubing insufficient water to sample.

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-4-2017 SITE NAME / NUMBER LMC BOA

PROGRAM NAME

MONITORING WELL IDENTIFICATION 3BCOA

SAMPLE I.D. 3BCOA-N1702 DUPLICATE I.D.

STATIC WATER LEVEL (ft btoc) 212.35 WELL DEPTH (ft btoc) 234.50

WATER COLUMN (ft) — CASING/TUBE DIAMETER (ft/in) 3/8

WELL/PUMP VOLUME (V) (gal/mL) 2570 3 v (gal/ml)

PURGING DEVICE: ☑ Peristaltic Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) 0 (vented to) —

IN BREATHING ZONE (ppm) (initial) 0 (vented to) —

FINAL PUMP DEPTH (ft btoc) 224.50

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1136 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1058	Start Purge	212.35	224.50	—	—	—	—	—	—	—	—	—	120
1120	—	212.35	—	23.87	0.971	7.23	2.21	6.07	-10.6	clear	2640	1.03	
1123	—	212.35	—	23.78	0.972	7.25	1.69	6.04	-10.8	clear	3000	1.17	
1126	—	212.35	—	23.78	0.972	7.25	1.83	6.00	-10.2	clear	3360	1.31	
1129	—	212.35	—	23.79	0.971	7.24	2.17	5.97	-7.8	clear	3720	1.45	
1132	—	212.35	—	23.76	0.970	7.23	1.92	5.84	-6.2	clear	4080	1.59	
1135	End Purge	212.35	—	23.65	0.972	7.22	1.78	5.85	-7.2	clear	4440	1.73	
1136	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 212.35 Turbidity at time of sampling: 1.78

Pump Settings: CPM: — PSI: — Recharge: — Discharge: —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs = 10 %)	
WL = 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/07/17 SITE NAME / NUMBER BDU

PROGRAM NAME LMC - BDU

MONITORING WELL IDENTIFICATION 38G1D

SAMPLE I.D. 38G1D-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 164.11 WELL DEPTH (ft btoc) 184.50

WATER COLUMN (feet) 20.39 CASING/TUBE DIAMETER (ft/in) 3/8

WELL /PUMP VOLUME (V) (gal/ml) 3.690 3 v (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 174.5

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1350 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1308	Purging	164.11	174.5										190
1335	0	165.26		21.92	0.877	7.44	8.74	6.50	141.8	Colorless	3780	1.02	
1338		165.27		21.89	0.877	7.43	9.34	6.35	135.3		4200	1.14	
1341		165.26		21.82	0.878	7.43	9.33	6.17	123.0		4620	1.25	
1344		165.25		21.77	0.878	7.43	8.51	6.10	116.8		5040	1.37	
1347	↓	165.24	↓	21.74	0.877	7.43	8.32	6.04	114.2		5460	1.48	
1350	Sample	165.26	↓	21.70	0.878	7.43	8.15	6.12	111.2	↓	5880	1.59	↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 6.12

Water level at time of sampling (ft btoc): 165.26 Turbidity at time of sampling: 8.15

Pump Settings: CPM: 2 PSI: 85 Recharge: 22 Discharge: 8

Comments: MS/MSD

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]
Telephone (949) 387-1674
Telefax (949) 369-5815

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/07/17 SITE NAME / NUMBER B20

PROGRAM NAME LMGB20

MONITORING WELL IDENTIFICATION 36(1F

SAMPLE I.D. 36(1F-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 160.06 WELL DEPTH (ft btoc) 328.0

WATER COLUMN (feet) 167.94 CASING/TUBE DIAMETER (ft/in) 3/8

WELL /PUMP VOLUME (V) (gal/ml) 3580 3 x (gal/ml)

PURGING DEVICE: ☒ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial)_____ (vented to)_____

IN BREATHING ZONE (ppm) (initial)_____ (vented to)_____

FINAL PUMP DEPTH (ft btoc) 313.0

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1219 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min or ml/min)
1146	Start pump	160.94	313.0									0	200
1204	1.0	160.68	1	22.01	0.617	7.69	2.32	2.38	84.8	Colorless	3600	1.0	1
1207		160.08		21.99	0.635	7.60	2.93	2.15	77.8		4300	1.17	
1210		160.09		22.02	0.636	7.56	2.60	3.05	72.7		4800	1.34	
1213		160.08		22.02	0.644	7.52	2.27	4.73	67.1		5400	1.51	
1216	V	160.08	V	22.03	0.653	7.52	3.72	4.98	66.3		6000	1.68	V
1219	Sample	160.09	V	22.05	0.657	7.51	2.95	5.00	66.3	V	6600	1.84	V

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 5.00

Water level at time of sampling (ft btoc): 160.09 Turbidity at time of sampling: 2.95

Pump Settings: CPM: 2 PSI: 95 Recharge: 20 Discharge: 10

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3%
pH ± 0.1	DO ± 0.5 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10%)	
WL < 0.1 feet	ORP ± 10 mV

Note:

If vehicles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 09/05/17 SITE NAME / NUMBER BRN
PROGRAM NAME LHC-BRN
MONITORING WELL IDENTIFICATION 36D2D
SAMPLE I.D. 36D2D-N-1702 DUPLICATE I.D. —
STATIC WATER LEVEL (ft btoc) 133.20 WELL DEPTH (ft btoc) ~~188.53~~ 188.50
WATER COLUMN (feet) 55.30 CASING/TUBE DIAMETER (ft/in) 3/8"
WELL /PUMP VOLUME (V) (gal/tot) .2574 3 v (gal/tot) —

PURGING DEVICE: ☒ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump
SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ Other
OVA: ☐ FID ☐ PID In Cushna (ppm) (initial) _____ (vented to) _____
IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____
FINAL PUMP DEPTH (ft btoc) 185.3
SAMPLER'S SIGNATURE [signature]
WELL SAMPLE TIME 1625 DUPLICATE SAMPLE TIME _____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/tot)	Well/Pump Volumes Purged	Flow Rate (gal/min or ml/min)
1554	Start Purg	133.20	185.3										180
1610		133.22		21.48	0.816	7.29	2.58	6.01	146.7	Colorless	2760	1.03	
1613		133.22		21.48	0.816	7.22	5.01	6.39	149.2		3200	1.24	
1616		133.22		21.48	0.818	7.30	2.40	6.40	140.0		3740	1.45	
1619		133.22		21.49	0.819	7.37	3.61	6.50	138.8		4280	1.66	
1622		133.22		21.46	0.826	7.42	2.86	6.49	129.1		4820	1.87	
1625	Sample	133.22		21.42	0.826	7.43	2.34	6.45	127.3		5360	2.08	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 6.45
Water level at time of sampling (ft btoc): 133.22 Turbidity at time of sampling: 2.34
Pump Settings: CPM: 2 PSI: 95 Recharge: 25 Discharge: 5
Comments: _____

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/10/17 SITE NAME / NUMBER BDU

PROGRAM NAME LMC-BDU

MONITORING WELL IDENTIFICATION 3862E

SAMPLE I.D. 3862E-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 130.57 WELL DEPTH (ft btoc) 280.50

WATER COLUMN (feet) 149.93 CASING/TUBE DIAMETER (ft/in) 3/8

WELL /PUMP VOLUME (V) (gal/ml) 4305 3 v (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 270.5

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1522 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1435	Start purg	130.57	270.5	21.44	0.547	7.24	5.69	2.38	118.96				200
1507	↓	130.61	↓	21.14	0.561	7.04	5.88	2.32	118.9	Colorless	1400	1.49	↓
1510		130.59		21.01	0.559	7.04	4.47	2.19	108.0	↓	7000		
1513		130.60		20.70	0.558	7.10	3.42	2.20	102.8		11600		
1518		130.60		20.75	0.555	7.22	3.36	2.37	90.0		8200		
1519	↓	130.59		20.71	0.557	7.27	3.69	2.24	87.3		5800		
1522	Sample	130.59	↓	20.68	0.556	7.28	3.02	2.22	86.0	↓	9400		↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 2.22

Water level at time of sampling (ft btoc): 130.57 Turbidity at time of sampling: 3.02

Pump Settings: CPM: 2 PSI: 95 Recharge: 20 Discharge: 10

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-5-2017 SITE NAME / NUMBER LMC Box PURGING DEVICE: ☑ Peristaltic Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME: SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION 38700 OVA: ☐ FID ☑ PID At Casing (ppm) (initial) 0 (vented to) _

SAMPLE I.D. 38700-M-1707 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) 0 (vented to) _

STATIC WATER LEVEL (ft btoc) 169.18 WELL DEPTH (ft btoc) 185 FINAL PUMP DEPTH (ft btoc) 180

WATER COLUMN (feet) _ CASING/TUBE DIAMETER (inch) 3/60 SAMPLER'S SIGNATURE _

WELL/PUMP VOLUME (V) (gal/ml) 2300 3 x (gal/ml) _ WELL SAMPLE TIME 1129 DUPLICATE SAMPLE TIME _

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1059	Start Purge	169.18	180										180
1112	—	169.78	—	25.77	1.252	7.52	4.33	5.32	-2.4	clear	2340	1.02	1
1115	—	169.51	—	25.78	1.249	7.50	3.45	5.65	13.0	clear	2880	1.25	1
1118	—	169.33	—	25.80	1.245	7.48	4.12	5.68	7.2	clear	3470	1.49	1
1121	—	169.39	—	25.79	1249	7.47	4.09	5.67	11.5	clear	3960	1.72	1
1124	—	169.36	—	25.77	1.244	7.47	3.61	5.81	8.3	clear	4500	1.96	1
1127	End Purge	169.35	—	25.63	1.243	7.46	3.80	5.91	14.8	clear	5040	2.19	1
1128	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 169.35 Turbidity at time of sampling: 3.80

Pump Settings: CPM: — PSI: — Recharge: — Discharge: —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature colitest readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.5 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

Page 1 of 1

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/07/19 SITE NAME / NUMBER BW

PROGRAM NAME LMC-BW

MONITORING WELL IDENTIFICATION 387IA

SAMPLE I.D. 387IA-N-1704 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 138.06 WELL DEPTH (ft btoc) 245.50

WATER COLUMN (feet) 107.44 CASING/TUBE DIAMETER (ft/in) 3/8

WELL /PUMP VOLUME (V) (gal/ml) 3220 3 v (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 220

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 0945 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
0909	Start Purge	138.06	220.0										160
0930		138.07		20.67	0.802	7.42	1.80	4.46	199.6	Colorless	3240	1.04	
0933		138.09		20.73	0.811	7.42	3.18	4.99	190.2		3840	1.19	
0936		138.07		20.74	0.813	7.43	3.29	5.11	187.5		4320	1.34	
0939		138.07		20.79	0.816	7.44	1.67	5.13	178.0		4800	1.49	
0942	↓	138.07		20.90	0.906	7.44	1.23	5.20	173.9		5280	1.64	
0945	Sample	138.07	↓	20.99	0.815	7.44	2.79	5.12	172.3	↓	5760	1.79	↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 5.12

Water level at time of sampling (ft btoc): 138.07 Turbidity at time of sampling: 2.79

Pump Settings: CPM: 2 PSI: 80 Recharge: 20 Discharge: 10

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be marked and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

Page 1 of 1

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/02/11 SITE NAME/ NUMBER BDV

PROGRAM NAME LMC-BDV

MONITORING WELL IDENTIFICATION 387J

SAMPLE I.D. 387J-N-1102 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 89.85 WELL DEPTH (ft btoc) 288.5

WATER COLUMN (feet) 155.65 CASING/TUBE DIAMETER (ft/in) 3/8

WELL PUMP VOLUME (V) (gal/vol) 4442 3 v (gal/vol) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (Initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (Initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 278.5±5.0

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1102 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
0922	Start pump	155.65	278.5	—	—	—	—	—	—	—	—	—	700
1047		155.85	"	21.21	0.745	7.70	9.87	2.43	105.6	colorless	4520	1.01	"
1050		155.85	"	21.23	0.747	7.70	3.45	3.41	98.6		5040	1.13	"
1053		155.85	"	21.20	0.748	7.70	4.45	3.42	93.2		5580	1.26	"
1056		155.85	"	21.22	1.748	7.70	3.06	3.48	86.8		6120	1.38	"
1059		155.85	"	21.27	0.749	7.70	2.83	3.51	84.6		6660	1.50	"
1102	Sample	155.85	"	21.30	0.755	7.69	2.77	3.60	81.2		6900	1.62	"

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 3.60

Water level at time of sampling (ft btoc): 155.85 Turbidity at time of sampling: 2.77

Pump Settings: CPM: 2 PSI: 85 Recharge: 20 Discharge: 10

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3%
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10%)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TERRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-3-2017 SITE NAME / NUMBER BOA PURGING DEVICE: ☒ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME: ☐ Submersible Pump

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION 3872V OVA: ☐ FID ☒ PID In Casing (ppm) (initial) 0 (vented to)

SAMPLE I.D. 3872-A-170402 DUPLICATE I.D. IN BREATHING ZONE (ppm) (initial) 0 (vented to)

STATIC WATER LEVEL (ft btoc) 110.12 WELL DEPTH (ft btoc) 194.5 FINAL PUMP DEPTH (ft btoc) 174.5

WATER COLUMN (feet) — CASING/TUBE DIAMETER (in) 3/8 SAMPLER'S SIGNATURE

WELL PUMP VOLUME (V) (gal/mL) 2590 3 V (gal/mL) — WELL SAMPLE TIME 1345 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1330	Start Purge	110.12	174.5	—	—	—	—	—	—	—	—	—	165
1326	—	110.12	—	21.50	0.643	6.47	10.02	4.16	35.3	clear	2640	1.02	
1329	—	110.12	—	21.44	0.646	6.71	9.72	4.02	22.1	clear	3135	1.21	
1332	—	110.12	—	21.38	0.649	6.84	10.09	4.04	14.3	clear	3630	1.40	
1335	—	110.12	—	21.28	0651	6.88	9.32	4.12	11.4	clear	4125	1.59	
1338	—	110.12	—	21.32	0.652	6.99	9.27	4.15	6.0	clear	4620	1.78	
1341	—	110.12	—	21.35	0.653	7.10	8.92	4.06	0.0	clear	5115	1.97	
1344	—	110.12	—	21.36	0.653	7.09	8.76	4.09	-2.1	clear	5610	2.17	
1347	End Purge	110.12	—	21.36	0.654	7.13	8.99	4.14	-4.9	clear	6105	2.36	
1348	Sample	—	—	—	—	—	—	—	—	—	—	—	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — DO (ppm): —

Water level at time of sampling (ft btoc): 110.12 Turbidity at time of sampling: 8.99

Pump Settings: CPM: — PSI: — Gallons: — Discharge: —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature ±1inal readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TRC
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San Bernardino, CA 92408
Telephone: (909) 381-1671
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-3-2017 SITE NAME / NUMBER LMC Bon

PROGRAM NAME

MONITORING WELL IDENTIFICATION 3872 M

SAMPLE I.D. 3872 M-4-17 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 105.89 WELL DEPTH (ft btoc) 398.50

WATER COLUMN (ft) CASING/TUBE DIAMETER (ft/in) 3/8

WELL/PUMP VOLUME (V) (gal/ml) 5060 3 v (gal/ml)

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) 0 (vented to)

IN BREATHING ZONE (ppm) (initial) 0 (vented to)

FINAL PUMP DEPTH (ft btoc) 396.0

SAMPLER'S SIGNATURE Jason Gil

WELL SAMPLE TIME 1532 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (FTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1430	Start Purge	105.89	396.0										110
1516	–	105.89	–	21.03	0.552	7.17	3.64	3.38	60.8	clear	5060	1.00	
1519	–	105.89	–	20.83	0.551	6.90	3.14	2.42	52.5	clear	5390	1.07	
1522	–	105.89	–	20.72	0.555	6.95	3.33	3.45	52.0	clear	5770	1.13	
1525	–	105.89	–	20.65	0.555	6.93	2.99	4.03	51.6	clear	6050	1.19	
1528	–	105.89	–	20.52	0.555	6.88	3.50	3.96	52.7	clear	6380	1.26	
1531	End Purge	105.89	–	20.48	0.554	6.90	3.44	4.00	51.9	clear	6710	1.33	
1532	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 105.89 Turbidity at time of sampling: 3.44

Pump Settings: GPM: — PSI: — Recharge: — Discharge: —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO = 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP = 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-3-2017 SITE NAME / NUMBER Bom PURGING DEVICE: ☑ Submersible Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME _____ SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION 3877-N OVA: ☐ FID ☑ PID In Casing (ppm) (initial) 0 (vented to) _____

SAMPLE I.D. 3877-N-170402 DUPLICATE I.D. IN BREATHING ZONE (ppm) (initial) 0 (vented to) _____

STATIC WATER LEVEL (ft btoc) 108.02 WELL DEPTH (ft btoc) 142.5 FINAL PUMP DEPTH (ft btoc) 133.5

WATER COLUMN (feet) 42.48 CASING/TUBE DIAMETER (in) 3/8 SAMPLER'S SIGNATURE Peter Smith

WELL/PUMP VOLUME (V) (gal/mL) 1790 3 v (gal/mL) _____ WELL SAMPLE TIME 1151 DUPLICATE SAMPLE TIME _____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/mL)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1125	Start Purge	108.02	133.5										195
1135	--	108.05	-	22.04	1.228	7.24	6.20	4.41	44.3	clear	1450	1.09	
1138	—	108.06	-	22.00	1.231	7.25	3.19	4.37	47.2	clear	2535	1.417	
1141	—	108.06	-	22.09	1.238	7.25	3.36	4.60	41.2	clear	3170	1.74	
1144	—	108.07	-	22.14	1.241	7.24	3.59	4.52	39.5	clear	3795	2.07	
1147	—	108.07	-	22.16	1.245	7.29	2.25	4.60	38.8	clear	4240	1.40	
1150	End Purge	108.07	-	22.12	1.247	7.25	2.40	4.60	39.6	clear	4875	2.72	
1151	Sample												↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): _____ Fe^{+2} (mg/L): _____ D.O. (ppm): _____

Water level at time of sampling (ft btoc): 108.07 Turbidity at time of sampling: 2.40

Pump Settings: CFM: 3 PSI: 80 Recharge: 13 Discharge: 7

Comments: _____

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature (other readings)	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 09/05/17 SITE NAME / NUMBER BDV

PROGRAM NAME LMC-BDV

MONITORING WELL IDENTIFICATION 38720

SAMPLE I.D. 38720-N-1709 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 120.64 WELL DEPTH (ft btoc) 137.50

WATER COLUMN (feet) 16.86 CASING/TUBE DIAMETER (Min) 3/8"

WELL/PUMP VOLUME (V) (gal/ml) 1544 3 v (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID in Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 127.5

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1326 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1253	Start Pump	120.64	127.5	—	—	—	—	—	—	—	—	—	170
1308	↓	120.63	↓	21.34	1.690	7.32	2.23	1.20	89.3	Colorless	1700	1.10	↓
1311		120.63		21.41	1.690	7.32	2.20	1.09	74.8		2210	1.43	
1314		120.63		21.44	1.694	7.32	2.11	1.08	70.3		2720	1.76	
1317		120.63		21.54	1.691	7.36	2.19	1.10	56.5		3230	2.09	
1320		120.63		21.72	1.692	7.36	2.18	2.30	50.9		3740	2.42	
1323	↓	120.63	↓	21.64	1.693	7.34	2.12	2.21	49.0	↓	4250	2.75	
1326	Sample	120.63	↓	21.62	1.691	7.34	2.16	2.04	46.0	↓	4760	3.08	↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 2.04

Water level at time of sampling (ft btoc): 120.63

Pump Settings: CPM: 2 PSI: 65 Recharge: 22 Turbidity at time of sampling: 2.16 Discharge: 8

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be marked and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/05/17 SITE NAME / NUMBER BW

PROGRAM NAME LMC-BO

MONITORING WELL IDENTIFICATION 38723

SAMPLE I.D. 38723-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 117.08 WELL DEPTH (ft btoc) 299.52

WATER COLUMN (feet) 182.44 CASING/TUBE DIAMETER (ft/in) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 4720 3 v (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) [initial] _____ (vented to) _____

FINAL PUMP DEPTH (ft bgs) 284.5

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1210 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1125	Start purge	117.04	284.5										160
1155		117.08		20.62	0.661	7.55	2.30	5.00	162.5	Clear/Lt	4800	1.02	
1158		117.08		20.53	0.659	7.54	2.95	5.05	160.9		5280	1.12	
1201		117.08		20.49	0.661	7.53	4.62	5.25	159.4		5760	1.21	
1204		117.08		20.34	0.658	7.46	2.44	5.16	158.9		6240	1.32	
1207		117.08		20.23	0.658	7.50	2.52	5.19	149.8		6720	1.42	
1210	Sample	117.08		20.31	0.658	7.51	2.48	5.14	149.1		7200	1.53	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 5.14

Water level at time of sampling (ft btoc): 117.08 Turbidity at time of sampling: 2.48

Pump Settings: CPM: 2 PSI: 80 Recharge: 21 Discharge: 9

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-5-2017 SITE NAME / NUMBER LMC Box PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION 3880 OVA: ☐ FID ☑ PID In Casing (ppm) (initial) 0 (vented to) ____

SAMPLE I.D. 3980-MW702 DUPLICATE I.D. ____ IN BREATHING ZONE (ppm) (initial) 0 (vented to) ____

STATIC WATER LEVEL (ft btoc) 157.16 WELL DEPTH (ft bmp) 174.5 FINAL PUMP DEPTH (ft bmp) 169.5

WATER COLUMN (feet) ____ CASING/TUBE DIAMETER (IN.) 3/4 SAMPLER'S SIGNATURE Jason Cook

WELL/PUMP VOLUME (V) (gal/mL) 1.443 3 V (gal/mL) ____ WELL SAMPLE TIME 0950 DUPLICATE SAMPLE TIME ____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/mL)	Well/Pump Volumes Purged	Flow Rate (gal/min mL/min)
0917	Start Purge	157.16	169.5										120
0934	~	157.90	~	21.84	0.637	8.06	1.82	0.46	-21.0	clear	2040	1.05	
0937	~	157.93	~	21.86	0.636	8.08	1.73	0.90	-38.6	clear	4000	1.24	
0940	~	157.94	~	21.53	0.636	8.05	1.92	0.93	-60.0	clear	2760	1.42	
0943	~	157.96	~	21.82	0.635	8.06	1.82	0.84	-81.1	clear	3120	1.6	
0946	~	157.98	~	21.96	0693	8.10	2.03	0.71	-115.8	clear	3420	1.74	
0949	End Purge	157.99	~	21.99	0.672	8.10	1.92	0.66	-109.7	clear	3240	1.98	
0950	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): ____ Fe^{+2} (mg/L): ____ D.O. (ppm): ____

Water level at time of sampling (ft btoc): 157.99 Turbidity at time of sampling: 1.94

Pump Settings: CPM: ____ PSI: ____ Recharge: ____ Discharge: ____

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature subset readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.5 mg/L
Turbidity < 10 NTUs (if > 10 NTUs = 10 %)	
WL = 0.1 feet	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/04/17 SITE NAME / NUMBER LMC-BOU

PROGRAM NAME LMC-BOU

MONITORING WELL IDENTIFICATION 4948

SAMPLE I.D. 4948-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 291.44 WELL DEPTH (ft btoc) 302

WATER COLUMN (feet) 10.56 CASING/TUBE DIAMETER (ft/in) 3"

WELL /PUMP VOLUME (V) (gal/ml) 3370 3 v (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 292.0

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 0913 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
08 33	Start purg		292.0							colorless			135
0858		291.44		20.43	0.964	6.83	2.62	4.28	165.2		3375	1.10	
0901		291.44		20.47	0.966	6.84	2.80	3.89	153.6		3780	1.13	
0904		291.44		20.54	0.967	6.85	2.71	3.60	151.8		4185	1.24	
0907		291.44		20.56	0.968	6.85	2.54	3.62	148.3		4590	1.36	
0910		291.44		20.63	0.968	6.86	2.62	3.56	143.9		4995	1.48	
0913	Sample	291.44		20.69	0.969	6.86	2.85	3.49	140.9		5400	1.60	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 3.49

Water level at time of sampling (ft btoc): 291.44 Turbidity at time of sampling: 2.85

Pump Settings: CPM: Manual PSI: 145 Recharge: 30 Discharge: 10

Comments: In Manual mode, 90 ml/pint every 40 seconds, averages to 135 ml/min & equals 270 ml every 2 minutes. Sampling in manual mode because of very little head, extra recharge time allows bladder to fill

PARAMETERS FOR WATER-QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-25-2017 SITE NAME / NUMBER MW-20A PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME ___ SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION 4949C OVA: ☐ PID ☑ FID In Casing (ppm) (initial) 0 (vented to) ___

SAMPLE I.D. D/D Sample DUPLICATE I.D. ___ IN BREATHING ZONE (ppm): (initial) 0 (vented to)

STATIC WATER LEVEL (ft btoc) 766.22 WELL DEPTH (ft btoc) 776 FINAL PUMP DEPTH (ft btoc) 771

WATER COLUMN (feet) ___ CASING/TUBE DIAMETER (Min) 3/8 SAMPLER'S SIGNATURE [signature]

WELL/PUMP VOLUME (V) (gal/ml) 7.960 3 V (gal/ml) WELL SAMPLE TIME ___ DUPLICATE SAMPLE TIME ___

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gpl/min ml/min)
1010	Start Purge	766.22	—										120
1045		766.30		21.54	0.919	7.41	66.8	3.46	41.3	Brown			60
1048		766.30		21.47	0.914	7.40	56.1	3.69	41.1	Brown			100
1051		766.30		21.37	0.916	7.39	51.4	3.32	39.5	Brown			70
1054		766.30		21.49	0.917	7.39	50.5	3.34	39.5	Brown			30
1057		766.30		21.51	0.819	7.38	52.7	3.40	39.1	Brown			300
1100													
				No Sample									

Colorimetric test (taken prior to sampling) Sulfide (mg/L): Fe^{+2} (mg/L): D.O. (ppm):

Water level at time of sampling (ft btoc): Turbidity at time of sampling:

Pump Settings: CPM: ___ PSI: Recharge ___ Discharge ___

Comments: Pump Ran Dry due to insufficient water. Flow rate could not be maintained @ 10 ML/cycle → 120+ ML/cycle with same settings. Air purged out of sample line at -hrs

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity = 3 %
pH = 0.1	DO = 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs = 10%)	
WL = 0.1 feet	ORP = 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (scratch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/11/17 SITE NAME / NUMBER BOU

PROGRAM NAME LMC-BOU

MONITORING WELL IDENTIFICATION A-1-CW02

SAMPLE I.D. A-1-CW02-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 223.19 WELL DEPTH (ft btoc) 359.50

WATER COLUMN (feet) 136.32 CASING/TUBE DIAMETER (ft/in) —

WELL /PUMP VOLUME (V) (gal/ml) 5059 3 v (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ PID ☐ PID In Casing (ppm) (Initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (Initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 354.50

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1021 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min or l/min)
0939	Start purging	223.19	354.50										200
1005		223.81		22.60	0.782	7.37	20.4	3.00	-6.7	Cloudy/brown	5000	1.03	
1005		223.14		22.60	0.784	7.37	21.7	2.99	-6.1		5800	1.15	
1011		223.15		22.65	0.784	7.37	20.9	3.05	-4.3		6400	1.27	
1014		223.15		22.71	0.784	7.37	18.5	3.05	-2.9		7000	1.38	
1017		223.15		22.74	0.786	7.36	18.3	3.04	-2.2		7600	1.50	
1021	Sampled	223.15		22.78	0.785	7.36	19.4	3.04	-2.7		8200	1.62	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 3.04

Water level at time of sampling (ft btoc): 223.15 Turbidity at time of sampling: 19.4

Pump Settings: CPM: 2 PSI: 140 Recharge: 20 Discharge: 10

Comments: Flux a high pressure control box

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature (three consecutive readings)	Conductivity ± 3%
pH ± 0.1	DO ± 0.2 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10%)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
101 E. Vanderbilt Way, Suite 150
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/13/2017 SITE NAME / NUMBER FTW PURGING DEVICE: ☑ Stainless Steel Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME LMC - FTW SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION A-1-(W)03R OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

SAMPLE I.D. A-1-(W)03R-N-1702 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

STATIC WATER LEVEL (ft btoc) 228.25 WELL DEPTH (ft btoc) 284.50 FINAL PUMP DEPTH (ft btoc) 264.50

WATER COLUMN (feet) 56.25 CASING/TUBE DIAMETER (ø/in) 3/8" SAMPLER'S SIGNATURE

WELL #PUMP VOLUME (V) (gal/ml) 3208 3 v (gal/ml) — WELL SAMPLE TIME 0919 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min or ml/min)
0857	Start pump		264.50										200
0904		228.25		22.88	0.845	6.48	16.5	3.08	3.8	Cloudy	3400	1.06	
0907		228.26		22.94	0.836	6.68	13.1	3.01	-8.8		4000	1.25	
0910		228.26		22.90	0.832	6.79	11.80	2.90	-12.6		4600	1.43	
0913		228.26		22.90	0.830	6.84	10.38	2.86	-12.0		5200	1.62	
0916	↓	228.26		22.93	0.828	6.87	9.79	2.86	-11.1		5800	1.81	
0919	Sample	228.26	✓	22.95	0.828	6.89	9.48	2.81	-7.4	✓	6400	2.00	✓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm):

Water level at time of sampling (ft btoc): Turbidity at time of sampling:

Pump Settings: CPM: 2 PSI: 125 Recharge: 20 Discharge: 10

Comments: Use a high pressure control knob - MS/MSD

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

Tetra Tech
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 8/10/17 SITE NAME / NUMBER BOU

PROGRAM NAME LLNL BOU

MONITORING WELL IDENTIFICATION A-1-(w)204

SAMPLE I.D. A-1-(w)204-N-17Q2 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 218.51 WELL DEPTH (ft btoc) 244.50

WATER COLUMN (feet) 25.99 CASING/TUBE DIAMETER (in) 3/8"

WELL/PUMP VOLUME (V) (gal/ml) 2.43 3 v (gal/ml) —

PURGING DEVICE: ☑ Bladder Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 232.4

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1326 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1253	Start pump	218.51	232.4										150
1311		218.53	232.4	22.87	0.867	7.33	7.68	5.97	96.6	Clear	2700	1.11	
1314		218.53		22.96	0.865	7.33	8.04	5.71	90.1		3150	1.18	
1317		218.53		22.92	0.864	7.39	7.28	5.28	81.2		3600	1.35	
1320		218.53		22.95	0.864	7.39	7.04	5.62	73.9		4050	1.52	
1323		218.53		22.85	0.864	7.39	8.22	5.62	70.7		4500	1.69	
1326	Sample	218.53		22.78	0.864	7.39	8.04	5.54	68.1		4950	1.86	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 5.54

Water level at time of sampling (ft btoc): 218.53 Turbidity at time of sampling: 8.04

Pump Settings: CPM: 9 PSI: 15 Recharge: 22.0 Discharge: 8.00

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/10/17 SITE NAME / NUMBER BMD PURGING DEVICE: ☑ Submersed Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME BMP LMC - BMD SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION A-LMW05 OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

SAMPLE I.D. A-LMW05-N-170410 DUPLICATE I.D. A-LMW05-FD-170410 IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

STATIC WATER LEVEL (ft btoc) 217.50 WELL DEPTH (ft btoc) 360.50 FINAL PUMP DEPTH (ft btoc) 365.5

WATER COLUMN (feet) 143.00 CASING/TUBE DIAMETER (ft/in) 3/8" SAMPLER'S SIGNATURE

WELL /PUMP VOLUME (V) (gal) 5335 3 v (gal/ml) _____ WELL SAMPLE TIME 1134 DUPLICATE SAMPLE TIME 1130

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1053	Start pump	217.50	365.50										195
1121		217.52		22.49	0.703	7.46	6.01	0.79	-66.3	Colorless	5460	1.02	
1124		217.52		22.52	0.705	7.46	5.56	0.77	-70.4		6045	1.13	
1127		217.53		22.53	0.707	7.46	4.94	0.76	-73.0		6630	1.24	
1130		217.53		22.53	0.709	7.45	4.66	0.76	-75.0		7215	1.35	
1133		217.53		22.52	0.713	7.45	4.20	0.75	-75.3		7800	1.46	
1136	Sample	217.53		22.51	0.713	7.45	3.63	0.76	-72.9		8385	1.57	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 0.76

Water level at time of sampling (ft btoc): 217.53 Turbidity at time of sampling: 3.63

Pump Settings: CPM: 2 PSI: 150 Recharge: 20 Discharge: 10

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE: 09/06/17 SITE NAME / NUMBER: RUV

PROGRAM NAME:

MONITORING WELL IDENTIFICATION: A-1-GW08

SAMPLE I.D.: A-1-GW08-N-1709A DUPLICATE I.D.:

STATIC WATER LEVEL (ft btoc): 226.58 WELL DEPTH (ft btoc): 239.50

WATER COLUMN (feet): 12.92 CASING/TUBE DIAMETER (I/m): 3/4

WELL /PUMP VOLUME (V) (gal/ml): 2525 3 x (gal/ml):

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) (vented to)

IN BREATHING ZONE (ppm) (initial) (vented to)

FINAL PUMP DEPTH (ft btoc): 229.50

SAMPLER'S SIGNATURE:

WELL SAMPLE TIME: 1444 DUPLICATE SAMPLE TIME:

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/well)	Well/Pump Volumes Purged	Flow Rate (gal/min (ml/min))
1413	Start purge	226.55	229.5										750 ml/min
1427		226.55		23.90	0.856	7.23	3.19	4.42	114.4	Colorless	2640	1.05	
1432		226.57		23.92	0.853	7.23	2.61	4.10	111.3		3140	1.24	
1435		226.55		23.90	0.852	7.23	2.21	3.87	110.1		3620	1.43	
1438		226.55		23.89	0.851	7.23	2.32	3.81	101.8		4100	1.62	
1441	↓	226.55	↓	23.91	0.850	7.24	2.34	3.71	97.9		4580	1.81	
1444	Sample	226.55	↓	23.92	0.848	7.23	2.51	3.59	93.7	↓	5060	2.00	↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 3.59

Water level at time of sampling (ft btoc): 226.55 Turbidity at time of sampling: 2.51

Pump Settings: CPM: 3 PSI: 111 Recharge: 20 Discharge: 10

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs: ± 10 NTUs ± 10 %	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE: 4-16-2017 SITE NAME / NUMBER: LMC BOA

PROGRAM NAME:

MONITORING WELL IDENTIFICATION: A-1-Cw09

SAMPLE I.D.: A-1-Cw09-4-1722 DUPLICATE I.D.:

STATIC WATER LEVEL (ft btoc): 215.50 WELL DEPTH (ft btoc): 231.50

WATER COLUMN (feet): CASING/TUBE DIAMETER (Dia): 3/8

WELL/PUMP VOLUME (V) (gal/ml): 2475 3 V (gal/ml):

PURGING DEVICE: Submersible Pump Peristaltic Pump Bladder Pump

SAMPLING DEVICE: Purging Pump Disposable Bailer Other

OVA: FID PID In Casing (ppm) (initial) 0 (vented to)

IN BREATHING ZONE (ppm) (initial) 0 (vented to)

FINAL PUMP DEPTH (ft btoc): 221.5

SAMPLER'S SIGNATURE:

WELL SAMPLE TIME: 1613 DUPLICATE SAMPLE TIME:

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1536	Start Purge	215.50	221.5										170
1557	"	215.51	"	23.64	0.983	6.96	7.29	5.04	30.8	clear	2520	1.02	"
1600	"	215.51	"	23.61	0.986	6.98	2.10	4.95	30.2	clear	2580	1.16	"
1603	"	215.51	"	23.51	0.985	7.04	2.19	5.07	29.4	clear	3240	1.31	"
1606	"	215.51	"	23.46	0.986	7.07	2.34	4.92	29.2	clear	3360	1.46	"
1609	"	215.51	"	23.40	0.985	7.10	2.04	5.05	28.3	clear	3960	1.60	"
1612	End Purge	215.51	"	23.38	0.985	7.10	1.97	4.91	28.0	clear	4320	1.75	"
1613	Sample												

Colorimetric test (taken prior to sampling): Sulfide (mg/L): Fe^{+2} (mg/L): D.O. (ppm):

Water level at time of sampling (ft btoc): 215.51 Turbidity at time of sampling: 1.97

Pump Settings: GPM: PSI: Recharge: Discharge:

Comments: Lower Poppet spring on Pump was removed prior to purging

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.5 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/05/17 SITE NAME / NUMBER BDV

PROGRAM NAME

MONITORING WELL IDENTIFICATION B-1-CW11

SAMPLE I.D. B-1-CW11-N-1702 DUPLICATE I.D.

STATIC WATER LEVEL (ft btoc) 151.05 WELL DEPTH (ft btoc) 334.50

WATER COLUMN (feet) 183.45 CASING/TUBE DIAMETER (ft/in) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 5130 3 v (gal/ml)

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) (vented to)

IN BREATHING ZONE (ppm) (initial) (vented to)

FINAL PUMP DEPTH (ft btoc) 322.0

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 0925 DUPLICATE SAMPLE TIME

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min milimin)
0835	Start Purge	151.05	322.0										150
0910		151.06		20.74	0.914	7.60	2.58	0.84	181.8	Colorless	5250	1.02	
0913		151.07		20.77	0.915	7.60	2.18	0.84	178.5		5700	1.11	
0916		151.07		20.97	0.930	7.60	2.44	0.78	161.8		6150	1.20	
0919		151.07		20.98	0.931	7.60	2.39	0.77	159.6		6600	1.29	
0922		151.07		20.97	0.932	7.60	2.94	0.77	157.4		7050	1.37	
0925	Sample	151.06		20.97	0.931	7.60	2.22	0.73	151.3		7500	1.46	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 0.73

Water level at time of sampling (ft btoc): 151.06 Turbidity at time of sampling: 2.22

Purge Settings: CPM: 2 PSI: 1 Recharge: 21.0 Discharge: 9.0

Comments: MS/MSD

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

PARSONS
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE: 4-4-16 SITE NAME / NUMBER: LMC Boise

PROGRAM NAME:

MONITORING WELL IDENTIFICATION: B-1-Conc

SAMPLE I.D.: B1-CONC-A-1702 DUPLICATE I.D.:

STATIC WATER LEVEL (ft btoc): 156.06 WELL DEPTH (ft btoc): 174.5

WATER COLUMN (feet): CASING/TUBE DIAMETER (ft/in): 3/0

WELL/PUMP VOLUME (V) (gal/ml): 1930 3 v (gal/ml):

PURGING DEVICE: ☒ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ Other

OVA ☐ FID ☒ PID in Casing (ppm): (initial) 0 (vented to)

IN BREATHING ZONE (ppm): (initial) 0 (vented to)

FINAL PUMP DEPTH (ft btoc): 164.5

SAMPLER'S SIGNATURE:

WELL SAMPLE TIME: 1500 DUPLICATE SAMPLE TIME:

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1431	Start Purge	156.06	164.5										195
1444	—	156.06	—	22.88	1.129	7.53	2.82	3.24	16.4	clear	1950	1.01	
1447	—	156.06	—	23.64	1.170	7.56	1.08	3.49	11.6	clear	2535	1.31	
1450	—	156.06	—	22.53	1.128	7.57	2.14	3.56	11.3	clear	3120	1.62	
1453	—	156.06	—	22.42	1.128	7.58	1.78	3.54	13.0	clear	3705	1.92	
1456	—	156.06	—	22.43	1.128	7.57	1.37	3.49	11.8	clear	4290	2.22	
1459	End Purge	156.06	—	22.74	1.128	7.58	1.13	3.33	12.6	clear	4875	2.53	
1500	Sample												

Colorimetric test (taken prior to sampling): Sulfide (mg/L): Fe^{+2} (mg/L): D.O. (ppm):

Water level at time of sampling (ft btoc): Turbidity at time of sampling:

Pump Settings: CPM: PSI: Recharge: Discharge:

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO = 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:
If vehicles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]
San Ramon, CA 94583
Telephone (925) 361-6474
Toll free (800) 830-1231

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 6/12/17 SITE NAME / NUMBER BDV

PROGRAM NAME LMC-BDV

MONITORING WELL IDENTIFICATION B-1-GW13

SAMPLE I.D. B-1-GW13-N-170612 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 199.81 WELL DEPTH (ft btoc) 215

WATER COLUMN (feet) 15.19 CASING/TUBE DIAMETER (Min) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 2220 3 v (gal/ml)

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 205

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1018 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min or ml/min)
0958	Start pump	199.81	205	—	—	—	—	—	—	—	—	—	200
1003		199.81		21.41	0.989	7.26	2.32	5.24	80.1	Colorless	2200	1.19	
1006		199.81		21.37	0.919	7.24	2.49	5.24	80.7		3100	1.36	
1009		199.80		21.39	0.917	7.24	2.05	5.25	81.4		4000	1.60	
1012		199.81		21.37	0.914	7.23	2.37	5.19	82.7		4600	1.84	
1015		199.81		21.35	0.911	7.23	2.04	5.10	84.0		5200	2.08	
1018	Sample	199.81		21.39	0.909	7.23	2.21	5.14	85.4		5800	2.32	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 5.14

Water level at time of sampling (ft btoc): 199.81 Turbidity at time of sampling: 2.21

Pump Settings: CPM: 2 PSI: 105 Recharge: 21 Discharge: 9

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO + 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 foot and purge rate to less than 0.5 L/min.

TETRA TECH
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408
Telephone (909) 890-1818
Toll Free (800) 338-1278

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-4-2017 SITE NAME / NUMBER BOU

PROGRAM NAME

MONITORING WELL IDENTIFICATION B-1-CW17

SAMPLE I.D. B-1-CW17-N-170402 DUPLICATE I.D. ~

STATIC WATER LEVEL (ft btoc) 140.73 WELL DEPTH (ft btoc) 169.5

WATER COLUMN (feet) 28.77 CASING/LINER DIAMETER (in) 4"

WELL/PUMP VOLUME (V) (gal/ml) 1940 3 x (gal/ml) ~

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) 0 (vented to)

IN BREATHING ZONE (ppm) (initial) 0 (vented to)

FINAL PUMP DEPTH (ft btoc) 157.3

SAMPLER'S SIGNATURE John Cooke

WELL SAMPLE TIME 0831 DUPLICATE SAMPLE TIME ~

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
0758	Start Purge	140.73	157.3										150
0812	"	140.73	"	21.27	1.140	7.69	1.76	3.78	102.5	clear	2100	1.08	
0815	"	140.73	"	21.30	1.140	7.64	1.71	4.09	158.1	clear	2650	1.3	
0818	"	140.73	"	21.32	1.141	7.62	1.60	3.92	115.1	clear	3000	1.55	
0821	"	140.73	"	21.30	1.142	7.62	2.13	3.92	75.5	clear	3450	1.78	
0824	"	140.73	"	21.32	1.143	7.62	2.41	3.95	59.5	clear	3900	2.01	
0827	"	140.73	"	21.36	1.144	7.62	1.60	3.92	60.9	clear	4350	2.24	
0830	End Purge	140.73	"	21.37	1.144	7.61	1.70	3.79	59.3	clear	4800	2.47	
0831	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): ~ Fe^{+2} (mg/L): ~ D.O. (ppm): ~

Water level at time of sampling (ft btoc): 140.73 Turbidity at time of sampling: 1.70

Pump Settings: CPM: ~ PSI: ~ Recharge: ~ Discharge: ~

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
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Telephone (909) 381-1671
Telefax (909) 889-139

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/13/17 SITE NAME / NUMBER BSD

PROGRAM NAME LHC-BSD

MONITORING WELL IDENTIFICATION B-1-0026

SAMPLE I.D. B-1-0026-N-1704 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 141.92 WELL DEPTH (ft btoc) 309.50

WATER COLUMN (feet) 167.58 CASING/TUBE DIAMETER (inch) 3/8"

WELL/PUMP VOLUME (V) (gal) 4671 3 x (gal/vol) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 294.50

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1305 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/mL)	Well/Pump Volumes Purged	Flow Rate (gal/min mL/min)
1225	Start pump	141.92	294.50	—									190
1250	↓	141.95	↓	22.27	0.864	7.11	3.87	5.67	38.0	clear/less	4750	1.02	↓
1253		141.95		22.29	0.865	7.08	2.87	5.48	38.6		5320	1.14	
1256		141.95		22.16	0.865	7.05	4.17	5.63	40.1		5890	1.26	
1259		141.95		22.14	0.865	7.04	2.72	5.35	39.4		6460	1.38	
1302	↓	141.95		22.19	0.865	7.04	2.62	5.46	39.1		7030	1.51	
1305	Sample	141.95	↓	22.20	0.866	7.05	2.77	5.64	35.9	↓	7600	1.63	↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 5.64

Water level at time of sampling (ft btoc): 141.95 Turbidity at time of sampling: 2.77

Pump Settings: CPM: 2 PSI: 95 Recharge: 20 Discharge: 10

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically rechecked during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 6/6/17 SITE NAME / NUMBER _____ PURGING DEVICE: ☒ Peristaltic Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME _____ SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION B-1-GW25 OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

SAMPLE I.D. B-1-GW25-N-1706 DUPLICATE I.D. _____ IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

STATIC WATER LEVEL (ft btoc) 18.90 WELL DEPTH (ft btoc) 198.50 FINAL PUMP DEPTH (ft btoc) 184.50

WATER COLUMN (feet) 7.60 CASING/TUBE DIAMETER (ft/in) 3/8" SAMPLER'S SIGNATURE _____

WELL /PUMP VOLUME (V) (gal/ml) _____ 3 v (gal/ml) _____ WELL SAMPLE TIME _____ DUPLICATE SAMPLE TIME _____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min adj/min)

Colorimetric test (taken prior to sampling) Sulfide (mg/L): _____ Fe^{+2} (mg/L): _____ D.O. (ppm): _____

Water level at time of sampling (ft btoc): _____ Turbidity at time of sampling: _____

Pump Settings: CPM: _____ PSI: _____ Recharge: _____ Discharge: _____

Comments: Cannot sample well because pump is above water level

PARAMETERS FOR WATER-QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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541 E. Vanderbilt Way, Suite 430
San Bernardino, CA 92408
Telephone (909) 884-1130
Telefax (909) 884-1139

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/24/17 SITE NAME / NUMBER BOU

PROGRAM NAME LRC-BOU

MONITORING WELL IDENTIFICATION BT-MW25

SAMPLE I.D. BT-MW25-N-1702 DUPLICATE I.D. BT-MW25-FD-1702

STATIC WATER LEVEL (ft bloc) 187.57 WELL DEPTH (ft bloc) 195.10

WATER COLUMN (feet) 7.53 CASING/TUBB DIAMETER (ft/in) 3/8"

WELL /PUMP VOLUME (V) (gal/vol) 2.05 3 v (gal/vol)

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) (vented to)

IN BREATHING ZONE (ppm) (initial) (vented to)

FINAL PUMP DEPTH (ft bloc) 189

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1129 DUPLICATE SAMPLE TIME 1129

Time	Activity	Water Level (ft bloc)	Pump Depth (ft bloc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/vol)	Well/Pump Volumes Purged	Flow Rate (gal/min or L/min)
1102	Start pump	187.57	189.00										190
1114		187.55		23.17	0.631	7.69	3.01	4.71	50.7	Colorless	2380	1.08	
1117		187.55		23.13	0.633	7.68	2.83	4.71	46.8		2850	1.25	
1120		187.55		23.13	0.632	7.70	3.06	4.71	45.1		3420	1.48	
1123		187.55		23.09	0.632	7.65	2.78	4.67	44.6		3990	1.90	
1126	V	187.56		23.10	0.631	7.73	2.84	4.54	44.1		4560	2.17	
1129	Sample	187.56	V	23.11	0.631	7.69	2.85	4.66	43.9		5130	2.44	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 4.66

Water level at time of sampling (ft bloc): 187.56 Turbidity at time of sampling: 2.85

Pump Settings: CPM: 2 PSI: 95 Recharge: 2 Discharge: 9

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.2 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 20 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
201 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408
Telephone: (909) 381-8824
Telefax: (909) 915-1179

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/10/17 SITE NAME / NUMBER BDV

PROGRAM NAME LMC-BDV

MONITORING WELL IDENTIFICATION B-1-GW87

SAMPLE I.D B-1-GW87-N-1704 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 179.97 WELL DEPTH (ft btoc) 338.50

WATER COLUMN (feet) 158.53 CASING/TUBE DIAMETER (ft/in) 3"

WELL /PUMP VOLUME (V) (gal/vol) 48.9 3 v (gal/vol) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 323.5

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 0911 DUPLICATE SAMPLE TIME _____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
0830	Start Purg	179.87	323.5										190
0850		179.87		22.13	0.650	7.64	3.19	3.85	141.2	Moderate	4940	6.01	
0855		179.88		22.09	0.650	7.64	2.86	3.75	133.5		5510	1.73	
0902		179.87		22.21	0.647	7.63	2.58	3.70	121.3		6080	1.25	
0905		179.86		22.22	0.649	7.64	2.40	3.72	111.4		6650	1.36	
0908		179.87		22.13	0.651	7.64	2.20	3.80	107.9		7220	1.48	
0911	Sample	179.87		22.17	0.651	7.64	2.57	3.81	104.3		7790	1.60	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 3.81

Water level at time of sampling (ft btoc): 179.87 Turbidity at time of sampling: 2.57

Pump Settings: CPM: 2 PSI: 105 Recharge: 20 Discharge: 10

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/18/17 SITE NAME / NUMBER [illegible]

PROGRAM NAME LTC - [illegible]

MONITORING WELL IDENTIFICATION B-1-GW28

SAMPLE I.D. B-1-GW28-N-1702 DUPLICATE I.D. B-1-GW28-FD-1702

STATIC WATER LEVEL (ft btoc) 148.24 WELL DEPTH (ft btoc) 350.50

WATER COLUMN (feet) 202.26 CASING/TUBE DIAMETER (ft/in) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 5428 3 x (gal/ml) —

PURGING DEVICE: ☒ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ PID ☐ FID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 335.50

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 0900 DUPLICATE SAMPLE TIME 0900

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min or ml/min)
0816	Start Purg	148.24	335.50										190
0845		148.22		19.97	0.775	7.47	6.38	2.29	-13.5	Colorless	5510	1.02	
0848		148.21		19.99	0.775	7.47	6.21	2.24	-16.8		6080	1.12	
0851		148.21		20.06	0.778	7.47	5.62	2.20	-19.1		6650	1.23	
0854		148.20		20.14	0.776	7.47	6.29	2.18	-20.3		7220	1.33	
0857		148.22		20.21	0.775	7.48	5.50	2.16	-22.1		7790	1.44	
0900	Sample	148.22		20.24	0.775	7.47	4.70	2.15	-20.0		8360	1.54	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 2.15

Water level at time of sampling (ft btoc): 148.22 Turbidity at time of sampling: 4.70

Pump Settings: CPM: 2 PSI: 125 Recharge: 21 Discharge: 9

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
201 E. Venice Ave, Suite 440
San Francisco, CA 92408
Telephone (925) 201-1671
Toll Free (800) 595-1199

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-6-2017 SITE NAME / NUMBER LMC Dom

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME _____

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION B-1-CW30

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) 0 (vented to) _____

SAMPLE I.D. B-1-CW30-N-1702 DUPLICATE I.D. _____ IN BREATHING ZONE (ppm) (initial) 0 (vented to) _____

STATIC WATER LEVEL (ft btoc) 169.80 WELL DEPTH (ft btoc) 200 FINAL PUMP DEPTH (ft btoc) 190

WATER COLUMN (feet) _____ CASING/TUBE DIAMETER (Min) 2" SAMPLER'S SIGNATURE _____

WELL/PUMP VOLUME (V) (gallons) 2310 3 V (gallons) WELL SAMPLE TIME 1444 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1408	Start Purge												120
1426	—	169.85	—	24.13	1.046	7.28	4.81	4.05	27.2	clear	2400	1.04	
1431	—	169.85	—	23.86	1.047	7.28	4.97	3.97	27.8	clear	2760	1.19	
1434	—	169.85	—	23.75	1.049	7.25	5.17	3.75	27.0	clear	3120	1.35	
1437	—	169.85	—	23.55	1.047	7.23	3.88	3.84	29.2	clear	3480	1.51	
1440	—	169.85	—	23.85	1.049	7.28	3.92	4.04	31.3	clear	3840	1.66	
1443	Field Dup	169.85	—	23.60	1.051	7.30	3.87	3.88	35.1	clear	4200	1.82	
1444	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 169.85 Turbidity at time of sampling: 3.87

Pump Settings: CPM: — PSI: — Recharge: — Discharge: —

Comments: _____

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.1 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.3 feet	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be noted and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-6-2017 SITE NAME / NUMBER IMC Boa PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION B-1-C.G.31 OVA / FID / PID In Casing (ppm) (initial) 0 (vented to) —

SAMPLE I.D. B-1-C.G.31-M.17.07 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) 2 (vented to) —

STATIC WATER LEVEL (ft btoc) 169.75 WELL DEPTH (ft btoc) 200 FINAL PUMP DEPTH (ft btoc) ~190

WATER COLUMN (feet) — CASING/TUBE DIAMETER (O/a) 3/8 SAMPLER'S SIGNATURE [signature]

WELL/PUMP VOLUME (V) (gal/ml) 23.0 3 v (gal/ml) — WELL SAMPLE TIME 1305 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (uS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1231	Start Purge	169.75	190										130
1249	—	169.80	—	25.00	0.985	7.32	6.59	5.29	55.0	clear	2350	1.0	
1252	—	169.80	—	24.91	0.987	7.32	7.05	5.71	38.1	clear	2700	1.18	
1255	—	169.80	—	24.73	0.991	7.32	5.29	5.85	47.4	clear	3170	1.35	
1258	—	169.80	—	24.54	0.995	7.33	6.82	6.02	45.7	clear	3510	1.52	
1301	—	169.80	—	24.68	0.996	7.34	7.31	6.10	47.9	clear	3900	1.69	
1304	Final Purge	169.80	—	24.63	0.997	7.34	7.21	6.09	48.9	clear	4290	1.86	
1305	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 169.80 Turbidity at time of sampling: 7.21

Pump Settings CPM: — PSI: — Recharge: — Discharge —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 11-5-2017 SITE NAME / NUMBER LMC Box

PROGRAM NAME

MONITORING WELL IDENTIFICATION B-1-GW32

SAMPLE I.D. B-1-GW32-11702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 148.15 WELL DEPTH (ft btoc)

WATER COLUMN (feet) CASING/TUBE DIAMETER (I/in) 3/8

WELL/PUMP VOLUME (V) (gal/ml) 2200 3 v (gal/ml)

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) 0 (vented to)

IN BREATHING ZONE (ppm) (initial) 0 (vented to)

FINAL PUMP DEPTH (ft btoc) ~170

SAMPLER'S SIGNATURE James Case

WELL SAMPLE TIME 1352 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1222	Start Purge	148.15	~170										160
1236	—	148.15	—	24.09	0.801	7.01	7.24	5.87	54.1	clear	2240	1.02	
1239	—	148.15	—	24.05	0.803	7.07	7.40	6.03	61.3	clear	2720	1.24	
1242	—	148.15	—	24.02	0.805	7.02	7.22	5.91	82.2	clear	3200	1.45	
1245	—	148.15	—	23.78	0.807	6.79	8.41	5.53	109.0	clear	3680	1.67	
1248	—	148.15	—	23.80	0.805	6.71	6.30	5.41	108.5	clear	4160	1.89	
1251	End Purge	148.15	—	23.71	0.809	6.75	6.94	5.42	109.2	clear	4640	2.11	
1252	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 148.15 Turbidity at time of sampling: 6.94

Pump Settings: GPM: — PSI: — Recharge: — Discharge: —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO = 0.5 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 l/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 9-6-2017 SITE NAME/NUMBER LMC, Ron

PROGRAM NAME

MONITORING WELL IDENTIFICATION B-1-CW33

SAMPLE I.D. B-1-CW33-20170906 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 188.76 WELL DEPTH (ft btoc) ~220

WATER COLUMN (feet) CASING/TUBE DIAMETER (in.) 4"

WELL/PUMP VOLUME (V) (gal/ml) 2570 3 v (gal/mL) —

PURGING DEVICE: [X] Dedicated Pump [ ] Peristaltic Pump [ ] Bladder Pump

SAMPLING DEVICE: [X] Purging Pump [ ] Disposable Bailer [ ] Other

OVA: [ ] FID [X] PID in Casing (ppm) (initial) 0 (vented to)

IN BREATHING ZONE (ppm) (initial) 0 (vented to)

FINAL PUMP DEPTH (ft btoc) ~210

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 0904 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
0827	Start Purge	188.70	~210										120
1348	—	188.70	—	22.17	0.979	7.18	3.93	6.76	48.2	clear	2570	1.00	
0851	—	188.70	—	21.89	0.981	7.18	3.99	6.77	47.1	clear	2880	1.14	
0854	—	188.70	—	21.68	0.984	7.18	3.70	6.75	46.8	clear	3210	1.26	
0857	—	188.70	—	21.63	0.986	7.20	3.85	7.38	49.5	clear	3600	1.43	
0900	—	188.70	—	21.64	0.986	7.21	3.59	7.47	52.6	clear	3960	1.57	
0903	End Purge	188.70	—	21.71	0.988	7.22	3.68	7.54	57.4	clear	4320	1.71	
0904	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 188.70 Turbidity at time of sampling: 3.68

Pump Settings: GPM: — PSI: — Recharge: — Discharge: —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be noticed and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-5-2017 SITE NAME/ NUMBER LMC Bay

PROGRAM NAME

MONITORING WELL IDENTIFICATION B-1-MW34

SAMPLER I.D. B-1-MW34-N-1702 DUPLICATE I.D. B4-MW34-FD-1702

STATIC WATER LEVEL (ft btoc) 154.46 WELL DEPTH (ft btoc) ~185

WATER COLUMN (feet) CASING/TUBE DIAMETER (in/in) 2/4"

WELL/PUMP VOLUME (V) (gal/ml) 2160 3 v (gal/ml)

PURGING DEVICE: ☑ Submersible Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☑ PID In Casing (ppm) (initial) 0 (vented to)

IN BREATHING ZONE (ppm) (initial) 0 (vented to)

FINAL PUMP DEPTH (ft btoc) ~175

SAMPLER'S SIGNATURE

WELL SAMPLE TIME DUPLICATE SAMPLE TIME

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1404	Start Purge												120
1422	—	154.9	—	24.94	1.176	7.72	19.7	4.42	119.0	clear	2160	1.00	
1425	—	154.50	—	25.91	1.170	7.38	8.87	4.88	111.2	clear	2520	1.17	
1428	—	154.50	—	25.86	1.118	7.34	7.71	5.20	115.7	clear	2880	1.33	
1431	—	154.50	—	25.40	1.114	6.58	8.75	5.09	154.8	clear	3240	1.50	
1434	—	154.60	—	25.48	1.113	6.57	6.56	5.98	147.7	clear	3,600	1.67	
1437	End Purge	154.60	—	25.46	1.112	6.55	6.36	6.09	157.6	clear	3960	1.83	
1438	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 154.60 Turbidity at time of sampling: 6.36

Pump Settings: CPM: — PSI: — Recharge: — Discharge: —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-10-2017 STR NAME / NUMBER LMC Box PURGING DEVICE: Submersible Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME — SAMPLING DEVICE: Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION B-5-CL202-U-1702 OVA: ☐ FID ☒ PID In Casing (ppm) (initial) 0 (vented to) —

SAMPLE I.D. B-5-CL202-U-1702 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) 0 (vented to) —

STATIC WATER LEVEL (ft btoc) 232.81 WELL DEPTH (ft btoc) 399.50 FINAL PUMP DEPTH (ft btoc) 395' 394.5

WATER COLUMN (feet) — CASING/TUBE DIAMETER (in) 3/8 SAMPLER'S SIGNATURE Jessica Cook

WELL/PUMP VOLUME (V) (gal/ml) 5070 3 v (gal/ml) — WELL SAMPLE TIME 1556 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min mL/min)
1525	start Purge	232.81	—	—	—	—	—	—	—	—	—	—	350
1540	—	232.82	—	22.60	0.775	6.95	3.74	980	-54.3	clear	5250	1.04	
1543	—	232.82	—	22.31	0.705	6.93	9.21	0.75	-48.0	clear	6300	1.24	
1546	—	232.82	—	22.21	0.709	6.96	2.87	0.82	-51.5	clear	7350	1.45	
1549	—	232.82	—	22.11	0.714	7.03	3.09	0.76	-54.1	clear	8400	1.66	
1552	—	232.82	—	22.11	0.714	7.08	2.24	0.69	-59.8	clear	9450	1.86	
1555	End Purge	232.82	—	22.10	0.716	7.09	3.42	0.65	-60.7	clear	10500	2.07	
1556	Sample	—	—	—	—	—	—	—	—	—	—	—	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level in time of sampling (ft btoc): 232.82 Turbidity in time of sampling: 3.42

Pump Settings: CPM: PSI: Recharge: Discharge:

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO = 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL = 0.1 feet	ORP ± 20 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TERRA TECH
301 E. Vindaddo Way Suite 450
San Bernardino, CA 92408
Telephone: (909) 884-1674
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4/26/17 SITE NAME / NUMBER BTV

PROGRAM NAME LMC-BTV

MONITORING WELL IDENTIFICATION B-6-CMW2

SAMPLE I.D. B-6-CMW2-N-1702 DUPLICATE I.D. B-6-CMW2-FD-1702

STATIC WATER LEVEL (ft btoc) 235.44 WELL DEPTH (ft btoc) 339.50

WATER COLUMN (feet) 104.06 CASING/TUBE DIAMETER (Min) 3/8

WELL/PUMP VOLUME (V) (gal/ml) 4.636 3 v (gal/ml) —

PURGING DEVICE: ☑ Bladder Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 339.50

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1621 DUPLICATE SAMPLE TIME 1622

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min or ml/min)
1540	Start Purge		339.50										180
1606	0	235.45	↓	23.75	0.865	7.79	2.32	3.30	23.2	Colorless	4680	1.01	↓
1609		235.45		23.68	0.873	7.78	2.36	2.67	30.2	↓	5220	1.13	
1612		235.45		23.56	0.873	7.77	2.27	2.53	39.9		5760	1.24	
1615		235.45		23.56	0.872	7.74	2.76	2.16	48.4		6300	1.36	
1618	↓	235.45		23.56	0.871	7.72	2.28	2.12	50.5		6840	1.48	
1621	Sample	235.45	↓	23.53	0.871	7.70	2.19	2.09	55.0	↓	7380	1.59	↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 2.09

Water level at time of sampling (ft btoc): 235.45 Turbidity at time of sampling: 2.19

Pump Settings: CPM: 2 PSI: 135 Recharge: DO Discharge: 10

Comments: Use a high pressure Control box

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/11/17 SITE NAME / NUMBER PDO

PROGRAM NAME LTGPDO

MONITORING WELL IDENTIFICATION B-6-OW05

SAMPLE I.D. B-6-OW05-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 259.30 WELL DEPTH (ft btoc) 355.0

WATER COLUMN (feet) — CASING/TUBE DIAMETER (ft/in) 3/8

WELL /PUMP VOLUME (V) (gal/ml) 3850 3 x (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vertical to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 350.0

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1520 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min/ml/min)
1436	Start pump	259.30	350.0										190
1459		259.31		23.29	0.837	7.40	4.21	1.28	-164.6	Colorless	3990	1.01	
1502		259.31		23.24	0.851	7.37	3.92	1.69	-155.7		4540	1.15	
1505		259.31		23.25	0.864	7.36	3.69	2.10	-140.0		5130	1.30	
1508		259.31		23.27	0.886	7.33	2.50	2.55	-75.4		5700	1.44	
1511		259.31		23.21	0.891	7.33	2.48	2.63	-89.0		6270	1.59	
1514		259.31		23.28	0.892	7.33	3.06	2.74	[illegible]		6840	1.73	
1517		259.31		23.26	0.895	7.32	2.84	2.85	-61.7		7410	1.88	
1520	Sample	259.31		23.24	0.896	7.32	2.43	2.88	-58.9		7980	2.02	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 2.88

Water level at time of sampling (ft btoc): 259.31 Turbidity at time of sampling: —

Pump Settings: CPM: 2 PSI: 150 Recharge: 20 Discharge: 10

Comments: —

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be located and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/01/17 SITE NAME / NUMBER BMW PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME LMC-BMW SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION B-16-MW08 OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

SAMPLE I.D. B-16-MW08-N-17Q2 DUPLICATE I.D. _____ IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

STATIC WATER LEVEL (ft btoc) 260.01 WELL DEPTH (ft btoc) 374 FINAL PUMP DEPTH (ft btoc) 366

WATER COLUMN (feet) 110.99 CASING/TUBE DIAMETER (ft/in) 4" SAMPLER'S SIGNATURE

WELL /PUMP VOLUME (V) (gal/ml) 440 3 v (gal/ml) _____ WELL SAMPLE TIME 1357 DUPLICATE SAMPLE TIME _____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1317	Start purge	260.09	366										170
1342		261.15		23.64	0.879	7.31	9.93	1.80	-155.4	Colorless	4250	1.03	
1345		261.15		23.88	0.925	7.25	11.97	2.63	-123.7		4760	1.16	
1348		261.15		23.96	0.955	7.22	12.40	3.00	-91.7		5270	1.28	
1351		261.15		23.99	0.962	7.20	12.73	3.28	-66.0		5780	1.41	
1354		261.15		23.96	0.963	7.20	13.96	3.36	-63.1		6290	1.53	
1357	Sample	261.15		24.02	0.963	7.20	15.6	3.44	-59.6		6800	1.65	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 3.44

Water level at time of sampling (ft btoc): 261.15 Turbidity at time of sampling: 15.6

Pump Settings: OPM: 2 PSI: 162 Recharge: 20 Discharge: 10

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

Page 1 of ___

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/06/17 SITE NAME / NUMBER BOU PURGING DEVICE: ☐ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME LMC - BOU SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION B-Lc-CW10 OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

SAMPLE I.D. B-Lc-CW10-N-17Q2 DUPLICATE I.D. _____ IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

STATIC WATER LEVEL (ft btoc) 24.95 WELL DEPTH (ft btoc) 258 FINAL PUMP DEPTH (ft btoc) 238

WATER COLUMN (feet) _____ CASING/TUBE DIAMETER (Min) 3/8 SAMPLER'S SIGNATURE _____

WELL /PUMP VOLUME (V) (gal/ml) _____ 3 v (gal/ml) _____ WELL SAMPLE TIME _____ DUPLICATE SAMPLE TIME _____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/tal)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)

Colorimetric test (taken prior to sampling) Sulfide (mg/L): _____ Fe^{+2} (mg/L): _____ D.O. (ppm): _____

Water level at time of sampling (ft btoc): _____ Turbidity at time of sampling: _____

Pump Settings: _____ CPM: _____ PSI: _____ Recharge: _____ Discharge: _____

Comments: Pump pulled, pts air coming out of water line on flight

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (If > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET – SAMPLING

DATE 04/13/17 SITE NAME / NUMBER BDV

PROGRAM NAME LTC - BDV

MONITORING WELL IDENTIFICATION B-1C-CW10

SAMPLE I.D. B-1C-CW10-N-1702 DUPLICATE I.D. _____

STATIC WATER LEVEL (ft btoc) 246.94 WELL DEPTH (ft btoc) ~~[illegible]~~ 253.0

WATER COLUMN (feet) 6.06 CASING/TUBE DIAMETER (ft/in) 3/8

WELL /PUMP VOLUME (V) (gal/ml) _____ 3 x (gal/ml) _____

PURGING DEVICE: ☐ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (stored to) _____

IN BREATHING ZONE (ppm) (initial) _____ (stored to) _____

FINAL PUMP DEPTH (ft btoc) ~248.0

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME _____ DUPLICATE SAMPLE TIME _____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)

Colorimetric test (taken prior to sampling) Sulfide (mg/L): _____ Fe^{+2} (mg/L): _____ D.O. (ppm): _____

Water level at time of sampling (ft btoc): _____ Turbidity at time of sampling: _____

Pump Settings: CFM: _____ PSI: _____ Recharge: _____ Discharge: _____

Comments: Unable to Sample well ; in top one foot of pump (QED pump) is above water line.

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/24/17 SITE NAME / NUMBER EDU

PROGRAM NAME QIC-EDU

MONITORING WELL IDENTIFICATION B-16-(W)D

SAMPLE I.D. B-16-(W)-N-17Q2 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 247.14 WELL DEPTH (ft btoc) 258

WATER COLUMN (feet) 10.86 CASING/TUBE DIAMETER (ft/in) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 3030 3 v (gal/ml) —

FURGING DEVICE: ☒ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☒ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 253

SAMPLER'S SIGNATURE _____

WELL SAMPLE TIME 1540 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1507	Start purge	247.15	253								3150	—	150
1508		247.16		24.45	0.700	7.46	28.5	1.80	48.6	Colorless	9000	1.04	
1531		247.14		24.33	0.700	7.46	32.2	1.52	47.7		3600	1.89	
1534		247.15		24.37	0.700	7.45	30.3	1.89	46.7		4050	1.34	
1537		247.14		24.26	0.701	7.45	28.6	1.06	45.3		4500	1.49	
1540		247.15		24.11	0.702	7.44	25.7	1.00	44.8		4950	1.63	
1543		247.15		23.95	0.702	7.42	24.6	0.94	43.9		5400	1.78	
1546	Sample	247.15		23.90	0.702	7.40	24.3	0.94	43.2				

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 0.94

Water level at time of sampling (ft btoc): 247.15 Turbidity at time of sampling: 24.3

Pump Settings: CPM: 2 PSI: 120 Recharge: 19 Discharge: 1

Comments: _____

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
Wt. ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/26/17 SITE NAME / NUMBER BOU

PROGRAM NAME LHC-BOU

MONITORING WELL IDENTIFICATION B-16-CW14

SAMPLE I.D. B16-CW14-N-1702 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 240.85 WELL DEPTH (ft btoc) 369.50

WATER COLUMN (feet) 128.65 CASING/TUBE DIAMETER (inch) 3/8

WELL / PUMP VOLUME (V) (gal/ml) 482 3 v (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 354.5

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1147 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1103	Start purge	240.85	354.5										190
1132		240.80		23.57	0.756	7.34	2.67	3.19	94.3	Colorless	4930	1.01	
1135		240.84		23.64	0.755	7.34	2.74	3.17	81.3		5440	1.11	
1138		240.86		23.59	0.754	7.34	2.20	3.17	72.4		5950	1.22	
1141		240.80		23.64	0.754	7.34	2.10	3.17	63.2		6460	1.32	
1144		240.86		23.79	0.754	7.35	2.22	3.17	59.3		6970	1.43	
1147	Sample	240.80		23.78	0.753	7.35	2.11	3.16	55.3		7480	1.53	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): 3.16

Water level at time of sampling (ft btoc): 240.86 Turbidity at time of sampling: 2.11

Pump Settings: CPM: 2 PSI: 140 Recharge: 21 Discharge: 9

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/14/17 SITE NAME / NUMBER BJU

PROGRAM NAME LMC-1200

MONITORING WELL IDENTIFICATION B-6-CW16

SAMPLE I.D. [illegible] DUPLICATE I.D. [illegible]

STATIC WATER LEVEL (ft btoc) 252.04 WELL DEPTH (ft btoc) 265

WATER COLUMN (feet) 12.96 CASING/TUBE DIAMETER (in/m) [illegible]

WELL /PUMP VOLUME (V) (gal/ml) 2.965 3 x (gal/ml) [illegible]

PURGING DEVICE: ☐ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 251.50

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME [illegible] DUPLICATE SAMPLE TIME [illegible]

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min)

B-6-CW16
P1101M
P5000
251.5
custom

Colorimetric test (taken prior to sampling) Sulfide (mg/L): [illegible] Fe^{+2} (mg/L): [illegible] D.O. (ppm): [illegible]

Water level at time of sampling (ft btoc): [illegible] Turbidity at time of sampling: [illegible]

Pump Settings: CPM: [illegible] PSI: [illegible] Recharge: [illegible] Discharge: [illegible]

Comments: Unable to sample well, water top of pump & pump intake is out of water.

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature (final reading)	Conductivity ± 3%
pH ± 0.1	DO ± 0.3 mg/L
Turbidity (± 10 NTU's if > 100 NTU's)	
WL ± 0.33 feet	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/25/17 SITE NAME / NUMBER BAU

PROGRAM NAME LMC - BAU

MONITORING WELL IDENTIFICATION B-6-Cw10

SAMPLE I.D. B-6-Cw10-1702 DUPLICATE I.D.

STATIC WATER LEVEL (ft btoc) 250.90 WELL DEPTH (ft btoc) 262.00

WATER COLUMN (feet) 11.10 CASING/TUBE DIAMETER (IN/in) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 3050 3 v (gal/ml)

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) (vented to)

IN BREATHING ZONE (ppm) (initial) (vented to)

FINAL PUMP DEPTH (ft btoc) 260

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1441 DUPLICATE SAMPLE TIME

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1412	Start purge	250.92	260.0										250
1426		250.92		22.23	1.012	4.22	33.4	6.54	49.0	Cloudy	3090	1.01	
1429		250.92		22.27	1.012	6.33	30.2	6.75	47.7		3740	1.23	
1432		250.92		22.14	1.013	6.42	31.1	6.50	46.7		4400	1.44	
1435		250.92		21.95	1.012	6.44	29.4	6.49	47.8		5060	1.66	
1438		250.92		21.80	1.012	6.44	27.8	6.47	48.5		5720	1.88	
1441	Sample	250.92		21.73	1.011	6.45	27.2	6.49	48.0		6380	2.09	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm):

Water level at time of sampling (ft btoc): 250.92 Turbidity at time of sampling:

Pump Settings: CPM: 2 PSI: 130 Recharge: 20 Discharge: 10

Comments: Used a high pressure control box.

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 foot	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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Page __ of __

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-11-2017 SITE NAME / NUMBER LMC Box PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME: SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION C-1-Cw02 OVA: ☐ FID ☑ PID In Casing (ppm) (Initial) 0 (vented to) ____

SAMPLE I.D. C-1-Cw02-N-17122 DUPLICATE I.D. ____ IN BREATHING ZONE (ppm) (Initial) 0 (vented to) ____

STATIC WATER LEVEL (ft btoc) 270.85 WELL DEPTH (ft btoc) 391.50 FINAL PUMP DEPTH (ft btoc) 386.5

WATER COLUMN (feet) ~ CASING/TUBE DIAMETER (ft/in) 3/8 SAMPLER'S SIGNATURE Jean Cue

WELL/PUMP VOLUME (V) (gal/ml) 52.25 3 v (gal/ml) ~ WELL SAMPLE TIME 1243 DUPLICATE SAMPLE TIME ____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1157	Start Purge	270.85	386.5										210
1221	—	270.85	—	22.01	0.817	7.42	4.44	0.55	-93.3	clear	5250	1.00	
1230	—	270.85	—	21.97	0.817	7.42	4.21	0.55	-95.7	clear	5880	1.13	
1233	—	270.85	—	21.83	0.818	7.40	3.93	0.50	-95.2	clear	6510	1.25	
1236	—	270.85	—	22.00	0.820	7.39	4.59	0.47	-94.1	clear	7140	1.37	
1239	—	270.85	—	22.20	0.822	7.40	3.28	0.45	-94.7	clear	7770	1.49	
1242	End Purge	270.85	—	22.42	0.826	7.41	3.79	0.41	-98.7	Clear	8400	1.61	
1243	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 270.85 Turbidity at time of sampling: 3.79

Pump Settings: CPM: — PSI: — Recharge: — Discharge: —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.5 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-25-17 SITE NAME / NUMBER LMC Box

PROGRAM NAME ---

MONITORING WELL IDENTIFICATION C-1-COOC3

SAMPLE I.D. C-1-COOC3-042517 DUPLICATE I.D. ---

STATIC WATER LEVEL (ft btoc) 271.07 WELL DEPTH (ft btoc) ---

WATER COLUMN (feet) --- CASING/TUBE DIAMETER (ft/in) 3/8

WELL/PUMP VOLUME (V) (gal/ml) 3040 3 v (gal/ml)

PURGING DEVICE: [X] Dedicated Pump [ ] Peristaltic Pump [ ] Bladder Pump

SAMPLING DEVICE: [X] Purging Pump [ ] Disposable Bailer [ ] Other

OVA: [ ] FID [X] PID In Casing (ppm) (initial) 0 (vented to)

IN BREATHING ZONE (ppm) (initial) 0 (vented to)

FINAL PUMP DEPTH (ft btoc) 277.5

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 1418 DUPLICATE SAMPLE TIME ---

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1354	Start Purge	271.07	277.5	---	---	---	---	---	---	---	---	---	120
1402		271.07	-	21.24	0.772	7.33	2.48	4.34	45.6	clear	3290	1.01	
1405		271.07	-	21.30	0.772	7.34	3.13	4.30	45.4	clear	3410	1.12	
1408		271.07	-	21.38	0.772	7.34	2.49	4.23	46.7	clear	3740	1.23	
1411		271.07	-	21.46	0.773	7.35	2.30	4.14	46.9	clear	4072	1.34	
1414		271.07	-	21.67	0.774	7.35	1.99	4.06	50.0	clear	4400	1.45	
1417	bailrune	271.07	-	21.67	0.775	7.35	1.84	4.08	51.5	clear	4770	1.56	
1418	Sample	---	---	---	---	---	---	---	---	---	---	---	

Colorimetric test (taken prior to sampling) Sulfide (mg/L): --- Fe^{+2} (mg/L): - D.O. (ppm): ---

Water level at time of sampling (ft btoc): 271.07 Turbidity at time of sampling: 1.84

Pump Settings: CPM: --- PSI: - Recharge --- Discharge: ---

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature colibat readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 04/04/17 SITE NAME / NUMBER BDV

PROGRAM NAME LHC - BDV

MONITORING WELL IDENTIFICATION C-1-CW05

SAMPLE I.D. BDV-GI-CW05-N-17Q2 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 252.47 WELL DEPTH (ft btoc) 384.90

WATER COLUMN (feet) 132.43 CASING/TUBE DIAMETER (ft/in) 3/8"

WELL /PUMP VOLUME (V) (gal/ml) 528.6 3 x (gal/ml) —

PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) _____ (vented to) _____

IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

FINAL PUMP DEPTH (ft btoc) 380.5

SAMPLER'S SIGNATURE [signature]

WELL SAMPLE TIME 0952 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
0910	Start Purge		380.5										200
0937		252.58		21.84	0.705	7.52	3.74	0.87	163.4		5400	1.02	
0940		252.49		21.90	0.701	7.52	4.05	0.81	148.6		6000	1.14	
0943		252.50		21.94	0.702	7.52	3.79	0.80	131.9		6600	1.25	
0946		252.51		21.92	0.704	7.51	2.99	0.79	124.7		7200	1.36	
0949	V	252.50	V	21.96	0.704	7.52	3.82	0.78	122.3		7800	1.48	
0952	Sample	252.49	V	21.99	0.704	7.52	4.20	0.78	118.4	V	8400	1.59	V

Colorimetric test (taken prior to sampling) Sulfide (mg/L): ____ Fe^{+2} (mg/L): ____ D.O. (ppm): ____

Water level at time of sampling (ft btoc): 252.49 Turbidity at time of sampling: ____

Pump Setting: CPM: 2 PSI: 150 Recharge: 20 Discharge: 10

Comments: Use a high pressure control box

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3%
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10%)	
WL ± 0.1 foot	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TERRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 6-12-2017 SITE NAME / NUMBER LMC Basin PURGING DEVICE: Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME: [illegible] SAMPLING DEVICE: Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION C-1-MW07 OVA: ☐ PID ☒ FID In Casing (ppm) (initial) 0 (vented to) [illegible]

SAMPLE I.D. C-1-MW07-A-1702 DUPLICATE I.D. IN BREATHING ZONE (ppm) (initial) 0 (vented to) [illegible]

STATIC WATER LEVEL (ft btoc) 263.62 WELL DEPTH (ft btoc) 324.50 FINAL PUMP DEPTH (ft btoc) 312.0

WATER COLUMN (feet) [illegible] CASING/TUBE DIAMETER (flin) 3/8 SAMPLER'S SIGNATURE [illegible]

WELL PURGE VOLUME (V) (gal/ml) 38.05 3 V (gal/ml) [illegible] WELL SAMPLE TIME 1500 DUPLICATE SAMPLE TIME [illegible]

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min/ml/min)
1414	Start Purge	263.62	312										130
1444	—	263.62	—	24.46	0.749	6.15	8.1	1.76	-3.6	Cloudy	3900	1.02	1
1447	—	263.62	—	24.38	0.748	6.24	18.6	1.59	-8.9	Cloudy	4290	1.13	
1450	—	263.62	—	24.14	0.745	6.52	18.2	1.47	-9.1	Cloudy	4680	1.23	
1453	—	263.62	—	24.21	0.745	6.58	16.4	1.45	-15.3	Cloudy	5070	1.33	
1456	—	263.62	—	24.16	0.745	6.63	17.2	1.43	-14.7	Cloudy	5460	1.43	
1459	End Purge	263.62	—	24.11	0.745	6.67	17.4	1.43	-21.3	Cloudy	5850	1.54	
1500	Sample												
						pH							

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 263.62 Turbidity at time of sampling: 17.4

Pump Settings: CPM: — PSI: — Recharge: — Discharge: —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (IF > 10 NTUs ± 10 %)	
WL ± 0.1 5mt	ORP = 10 mV

Note:

If vehicles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be noticed and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRATECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-12-2017. SITE NAME / NUMBER LMC BOU

PURGING DEVICE: ☑ Bladder Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION C-1-CW08

OVA: ☐ FID ☒ PID In Casing (ppm) (initial) 0 (vented to)

SAMPLE I.D. C-1-CW08 4-12-17 DUPLICATE I.D.

IN BREATHING ZONE (ppm) (initial) 0 (vented to)

STATIC WATER LEVEL (ft btoc) 263.33 WELL DEPTH (ft btoc) 292 FINAL PUMP DEPTH (ft btoc) 285

WATER COLUMN (feet) — CASING/TUBE DIAMETER (ft/in) 3/8 SAMPLER'S SIGNATURE Jason Cole

WELL/PUMP VOLUME (V) (gal/ml) 3560 3 v (gal/ml) — WELL SAMPLE TIME 1605 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1532	Start Purge	263.33	285	—	—	—	—	—	—	—	—	—	250
1546	—	263.34	—	23.45	0.966	6.98	4.71	7.43	47.8	clear	3500	1.04	
1549	—	263.34	—	23.03	0.972	6.50	4.79	6.23	53.8	clear	4250	1.27	
1552	—	263.34	—	23.89	0.970	6.36	3.97	5.82	57.6	clear	5000	1.49	
1555	—	263.34	—	23.81	0.965	6.36	3.82	5.43	55.6	clear	5750	1.72	
1558	—	263.34	—	23.70	0.963	6.45	3.89	5.40	53.4	clear	6600	1.94	
1601	—	263.34	—	23.60	0.963	6.47	3.49	5.39	52.1	clear	7250	2.16	
1604	End Purge	263.34	—	23.64	0.962	6.48	3.82	5.38	52.4	clear	8000	2.39	
1605	Sample	—	—	—	—	—	—	—	—	—	—	—	↓

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 263.34 Turbidity at time of sampling: 3.82

Pump Settings: CPM: — PSI: — Recharge: — Discharge: —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-7-2017 SITE NAME / NUMBER LMC Dch PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME _____ SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION MW-03 OVA: ☐ FID ☑ PID In Casing (ppm) (initial) 0 (vented to) _____

SAMPLE I.D. MW-03-W-1707 DUPLICATE I.D. _____ IN BREATHING ZONE (ppm) (initial) 0 (vented to) _____

STATIC WATER LEVEL (ft btoc) 257.06 WELL DEPTH (ft btoc) 283 FINAL PUMP DEPTH (ft btoc) ~280

WATER COLUMN (feet) CASING/TUBE DIAMETER (O/in) 3/4" SAMPLER'S SIGNATURE Jake Cox

WELL/PUMP VOLUME (V) (gal/ml) 3200 3 x (gal/ml) WELL SAMPLE TIME 1250 DUPLICATE SAMPLE TIME —

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1226	Start Purge	257.06	270										200
1242	—	257.07	—	23.46	0.956	7.27	2.62	5.27	50.3	clear	3200	1.00	
1245	—	257.07	—	23.40	0.951	7.24	2.49	5.82	50.6	clear	3900	1.19	
1248	—	257.07	—	23.13	0.947	7.16	2.39	5.82	51.0	clear	4400	1.36	
1251	—	257.07	—	23.09	0.936	7.15	1.87	5.71	53.3	clear	5000	1.56	
1254	—	257.07	—	23.05	0.936	7.14	1.79	5.77	54.1	clear	5600	1.75	
1257	End Purge	257.07	—	22.98	0.935	7.12	1.64	5.84	55.5	clear	6200	1.94	
1258	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): ~~2607~~ 257.07 Turbidity at time of sampling: 1.64

Pump Settings: CPM: — PSI: — Recharge: — Discharge: —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature (collect readings)	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE: 4-10-2017 SITE NAME / NUMBER: LMC Bolt

PROGRAM NAME:

MONITORING WELL IDENTIFICATION: MW-09

SAMPLE I.D.: MW-09-N-1722 DUPLICATE I.D.: —

STATIC WATER LEVEL (ft btoc): 240.80 WELL DEPTH (ft btoc): 269.51

WATER COLUMN (feet): — CASING/TUBE DIAMETER (in): 2"

WELL PUMP VOLUME (V) (gal/ml): 3V (gal/ml):

PURGING DEVICE: ☑ Bladder Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: ☐ FID ☐ PID In Casing (ppm) (initial) 0 (vented to)

IN BREATHING ZONE (ppm) (initial) 0 (vented to)

FINAL PUMP DEPTH (ft btoc): ~260

SAMPLER'S SIGNATURE:

WELL SAMPLE TIME: 0854 DUPLICATE SAMPLE TIME:

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
0822	Start Purge	240.80	~260										160
0841	—	240.86	—	21.15	0.945	7.23	1.82	5.72	66.7	clear	3200	1.03	
0845	—	240.86	—	21.14	0.948	7.22	1.89	5.78	59.2	clear	3640	1.19	
0848	—	240.80	—	21.30	0.953	7.21	1.95	5.85	56.4	clear	4160	1.34	
0851	—	240.86	—	21.34	0.954	7.20	1.78	5.70	45.7	clear	4680	1.50	
0854	—	240.86	—	21.36	0.956	7.20	2.15	5.74	41.6	clear	5120	1.65	
0857	End Purge	240.86	—	21.58	0.955	7.20	1.90	5.60	39.7	clear	5500	1.81	
0858	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 240.80 Turbidity at time of sampling: 1.90

Pump Settings: CPM: — PSI: — Recharge: — Discharge: —

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature (last two readings)	Conductivity ± 3 %
pH ± 0.1	DO = 0.2 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.1 feet	ORP ± 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-7-2017 SITE NAME / NUMBER LMC Rom PURGING DEVICE: ☑ Dedicated Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME: SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION MW-07 OVA: ☐ FID ☐ PID In Casing (ppm) (initial) 0 (vented to)

SAMPLE I.D. MW-07-A-1702 DUPLICATE I.D. IN BREATHING ZONE (ppm) (initial) (vented to)

STATIC WATER LEVEL (ft btoc) 237.87 WELL DEPTH (ft btoc) 281.3 FINAL PUMP DEPTH (ft btoc) ~255

WATER COLUMN (feet) CASING/TUBE DIAMETER (ft/in) 3/8 SAMPLER'S SIGNATURE

WELL/PUMP VOLUME (V) (gal/ml) 3050 3 v (gal/ml) WELL SAMPLE TIME 1026 DUPLICATE SAMPLE TIME

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
0834	Start Purge	237.87	~255										100
0910	—	237.87	—	20.65	0.927	7.20	1.32	5.63	114.3	clear	3100	1.02	
0913	—	237.87	—	20.70	0.930	7.19	2.14	5.75	102.1	clear	3400	1.11	
0916	—	237.87	—	20.70	0.931	7.18	1.35	5.53	95.8	clear	3700	1.21	
0919	—	237.87	—	20.72	0.932	7.18	1.30	5.81	85.3	clear	4000	1.31	
0922	—	237.87	—	20.72	0.934	7.18	2.98	5.84	79.2	clear	4300	1.41	
0925	End Purge	237.87	—	20.71	0.934	7.18	1.36	5.59	78.8	clear	4600	1.51	
0926	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): Fe^{+2} (mg/L): D.O. (ppm):

Water level at time of sampling (ft btoc): 237.87 Turbidity at time of sampling: 1.36

Pump Settings: CPM: PSI: Recharge: Discharge:

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.3 feet	ORP = 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
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GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE 4-7-2011 SITE NAME / NUMBER LMC Box

PROGRAM NAME

MONITORING WELL IDENTIFICATION MW-08

SAMPLE I.D. MW08-04072011 DUPLICATE I.D.

STATIC WATER LEVEL (ft btoc) 243.32 WELL DEPTH (ft btoc)

WATER COLUMN (feet) CASING/TUBE DIAMETER (in)

WELL/PUMP VOLUME (V) (gal/vol) 3050 3 x (gal/vol)

PURGING DEVICE: ☑ Submersible Pump ☐ Peristaltic Pump ☐ Bladder Pump

SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

OVA: FID PID In Casing (ppm) (initial) 0 (vented to)

IN BREATHING ZONE (ppm) (initial) (vented to)

FINAL PUMP DEPTH (ft btoc) 255

SAMPLER'S SIGNATURE

WELL SAMPLE TIME 1101 DUPLICATE SAMPLE TIME

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1024	Start Purge	243.33	255										150
1045	—	243.33	—	23.42	0.934	7.25	2.22	4.61	48.5	Yellow	3150	1.03	
1048	—	243.37	—	23.19	0.937	7.23	2.64	5.9	58.0	Light yellow	3600	1.18	
1051	—	243.33	—	23.21	0.936	7.23	2.09	6.03	58.3	Light Yellow	4050	1.33	
1054		243.33	—	23.35	0.935	7.22	1.88	6.00	58.3	Light Yellow	4950	1.44	
1057	—	243.33	—	23.13	0.934	7.22	1.97	5.74	60.0	clear	5400	1.62	
1100	End Purge	243.33	—	23.03	0.932	7.22	1.72	5.82	59.8	clear	5850	1.77	
1101	Sample	—											

Colorimetric test (taken prior to sampling) Sulfide (mg/L): Fe^{2+} (mg/L): D.O. (ppm):

Water level at time of sampling (ft btoc): 243.33 Turbidity at time of sampling: 1.72

Pump Settings: GPM: PSI: Recharge: Discharge:

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.3 feet	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE: 4-25-2017 SITE NAME / NUMBER: [illegible] PURGING DEVICE: ☐ Submersible Pump ☒ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME: _____ SAMPLING DEVICE: ☐ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION: SW-1 OVA: ☐ FID ☒ PID In Casing (ppm): (initial) 0 (vented to) _____

SAMPLE I.D.: SW-1-W-17042 DUPLICATE I.D.: _____ IN BREATHING ZONE (ppm): (initial) 0 (vented to) _____

STATIC WATER LEVEL (ft btoc): 24.87 WELL DEPTH (ft btoc): _____ FINAL PUMP DEPTH (ft btoc): 26.0

WATER COLUMN (feet): _____ CASING/TUBE DIAMETER (in): 3/8 SAMPLER'S SIGNATURE: [signature]

WELL/PUMP VOLUME (V) (gal/ml): 7460 3 x (gal/ml): _____ WELL SAMPLE TIME: 0822 DUPLICATE SAMPLE TIME: _____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals/ml)	Well/Pump Volumes Purged	Flow Rate (gpl/min ml/min)
0747	Start Purge	24.87	26.0										160
0806	–	24.87	–	20.76	0.903	7.74	8.01	5.24	150.2	Clear	2x10	1.03	
0809	–	24.87	–	20.36	0.907	7.75	1.76	5.26	141.0	Clear	3520	1.19	
0812	–	24.87	–	20.34	0.906	7.75	1.82	5.38	127.1	Clear	4000	1.35	
0815	–	24.87	–	20.37	0.905	7.75	1.48	5.24	119.6	Clear	4480	1.51	
0819	–	24.87	–	20.39	0.901	7.75	1.69	5.41	114.7	Clear	4960	1.68	
0821	End Purge	24.87	–	20.41	0.903	7.75	1.57	5.20	103	Clear	5440	1.84	
0822	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): – Fe^{+2} (mg/L): – D.O. (ppm): –

Water level at time of sampling (ft btoc): 24.87 Turbidity at time of sampling: 1.57

Pump Settings: CPM: PSI: Recharge: Discharge:

Comments:

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature critical readings	Conductivity ± 3 %
pH ± 0.1	DO ± 0.5 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10%)	
WL ± 0.1 feet	ORP ± 10 mV

Note:
If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.
All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.
If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.
Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

TETRA TECH
[illegible]

Page 1 of 1

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - SAMPLING

DATE: 4-10-2017 SITE NAME / NUMBER: GMC Bow

PURGING DEVICE: ☑ Submersible Pump ☐ Peristaltic Pump ☐ Bladder Pump

PROGRAM NAME: _____ SAMPLING DEVICE: ☑ Purging Pump ☐ Disposable Bailer ☐ Other

MONITORING WELL IDENTIFICATION: SW-5 OVA: ☐ FID ☑ PID (in Casing (ppm)) (initial) 0 (vented to) _____

SAMPLE I.D.: SW-5-M-1702 DUPLICATE I.D.: _____ IN BREATHING ZONE (ppm) (initial) 0 (vented to) _____

STATIC WATER LEVEL (ft btoc): 235.34 WELL DEPTH (ft btoc): ~249.5 FINAL PUMP DEPTH (ft btoc): 249.0

WATER COLUMN (feet): _____ CASING/TUBE DIAMETER (ft/in): 4" SAMPLER'S SIGNATURE: [signature]

WELL/TEMP VOLUME (V) (gal/ml): 1730 3 V (gal/ml): _____ WELL SAMPLE TIME: 1320 DUPLICATE SAMPLE TIME: _____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (°C)	EC (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gal/ml)	Well/Pump Volumes Purged	Flow Rate (gal/min ml/min)
1241	Start Purge	235.31	240										120
1304	—	235.32	—	25.06	1.072	7.31	11.71	4.70	18.3	clear	2760	1.61	
1307	—	235.34	—	24.95	1.071	7.32	10.92	4.67	18.3	clear	3120	1.81	
1310	—	235.31	—	24.80	1.071	7.33	9.75	4.51	18.3	clear	3480	1.27	
1313	—	235.34	—	24.65	1.069	7.29	9.72	4.53	20.6	clear	3840	1.41	
1316	—	235.31	—	24.50	1.069	7.26	9.25	4.46	20.4	clear	4200	1.54	
1319	End Purge	235.34	—	24.52	1.069	7.31	8.62	4.45	20.1	clear	NTGO	1.67	
920	Sample												

Colorimetric test (taken prior to sampling) Sulfide (mg/L): — Fe^{+2} (mg/L): — D.O. (ppm): —

Water level at time of sampling (ft btoc): 235.34 Turbidity at time of sampling: 8.62

Pump Settings: CPM: — PSI: — Recharge: — Discharge: —

Comments: _____

PARAMETERS FOR WATER QUALITY STABILIZATION	
Temperature collect readings	Conductivity ± 3 %
pH ± 0.1	DO = 0.3 mg/L
Turbidity < 10 NTUs (if > 10 NTUs ± 10 %)	
WL ± 0.3 feet	ORP = 10 mV

Note:

If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities.

All water levels and pump depths are measured from the reference point (notch) in the top of the well casing.

If no reference point is observed then the casing high point should be notched and measurements should be collected from this point.

Every attempt should be made to limit water level drawdown to less than 0.33 feet and purge rate to less than 0.5 L/min.

Monitoring Well Inspection Form

Well ID: 3880	Date: 4-26-2017
Inspection Conducted By: J. Cook	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—	—	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	—	—	
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)		✓	
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—	—	
Well cap is present and is watertight?			
Top-of-casing survey mark exists and is legible?	✓	✓	

Additional comments:

Replace Gasket, Tap threads

Replace Bolts, Replace tag

Monitoring Well Inspection Form

Well ID: 3830Q	Date: 4/26/17
Inspection Conducted By: L. GARRATT	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	+		
Well cap is present and is watertight?			
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

REPLACED GASKET, TAP BOLT HOLES.

ADD TAG

Monitoring Well Inspection Form

Well ID: 38305	Date: 4/26/17
Inspection Conducted By: R. SABATER	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—		
Is the area around the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	—		
Well vault (if present) is in good condition? (i.e., no standing water and fully secured)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (ft msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—		
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

REPLACED GASKET, BOLT HOLES RETAPPED

TAG ADDED

Monitoring Well Inspection Form

Well ID: 3831Q	Date: 4/26/17
Inspection Conducted By: D. SNYDER	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		—	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	—		
Well vault (if present) is in good condition? (i.e. no standing water and lids are tight)		✓	
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—		
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

GASKET ADDED, REPLACED BOLTS

ADD TAG

Monitoring Well Inspection Form

Well ID: 3850A	Date: 4/24/17
Inspection Conducted By: C. CHOU	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?			
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)		✓	
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation in msl, total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?			
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

ADDED GASKET, TAP BOLT HOLES, NEW BOLTS, ADDED TAG

Monitoring Well Inspection Form

Well ID: 385DN	Date: 4/24/17
Inspection Conducted By: C. CHOU	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—	—	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)		✓	
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (or ref), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—	—	
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

ADDED GASKET & TAG, RETAPPED HOLES

Monitoring Well Inspection Form

Well ID: 3850N	Date: 4/24/17
Inspection Conducted By: R SAGATOR	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✗	✓	
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	✓		
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

ADDED GASKET, RETAPPED, TAGGED

Monitoring Well Inspection Form

Well ID: 3850P	Date: 4/24/17
Inspection Conducted By: C. Chou	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?			
Is the area around the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	Yes	✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation, and/or total as-built depth)	✓		
Locks are present and in good condition (i.e., no rust)?			
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?	✓		

Additional comments:

Monitoring Well Inspection Form

Well ID: 3850Q	**Date:** 4/24/17
Inspection Conducted By: R. SWATER	

As-built depth of well?		Measured depth of well?			Difference?	
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	✓		
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	✓		
Locks are present and in good condition (i.e., no rust)?	✓		
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?	✓		

Additional comments:

Monitoring Well Inspection Form

Well ID: 3850R	Date: 4/24/17
Inspection Conducted By: R. SABATER	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	-	-	
Is the area around the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)		✓	
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (ft msl), total as-built depth)	✓		
Locks are present and in good condition (i.e., no rust)?	✓		
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?	✓		

Additional comments:

ADDED GASKET & TAG, NEW BOLTS

Monitoring Well Inspection Form

Well ID: 3850S	Date: 4/24/17
Inspection Conducted By: C Chou	

As-built depth of well?	Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—		
Is the area around the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	✓		
Locks are present and in good condition (i.e., no rust)?	—		
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?	✓		

Additional comments:

Monitoring Well Inspection Form

Well ID: 3850T	Date: 4-26-17
Inspection Conducted By: J. Cook	

As-built depth of well?	Measured depth of well?		Difference?			
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—		
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—		
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	
Additional comments:			

Monitoring Well Inspection Form

Well ID: 385U	Date: 4-20-17
Inspection Conducted By: J. Cook	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintanance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—	—	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)		✓	
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—	—	
Well cap is present and is watertight?		✓	
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Gasket, well tag, top & replace bolts

Monitoring Well Inspection Form

Well ID: 385OU	Date: 4/20/17
Inspection Conducted By: K. SATTERFIELD	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	✓		
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e. no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	Yes	✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation [msl], total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	✓		
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 3890W1	Date: 4/20/17
Inspection Conducted By: R. SARGENT	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment.
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—	—	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as built depth)	✓	✓	
Locks are present and in good condition (i.e., no rust)?	—	—	
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 3851 M	Date: 4.26.17
Inspection Conducted By: J. Cech	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓	No	
Surrounding area is free of vegetation, waste, and debris	✓	No	
Well name is present and legible on exterior of well?	Yes	✓	
Protective casing is not damaged or corroded?	✓	No	
Guard posts (if present) are in good condition?	—	—	
Is the area round the well flooded?	Yes	✓	
Surface pad exists and is not cracked or deteriorated?	✓	No	
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓	No	
Does vault gasket need to be replaced?	✓	No	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	Yes	✓	
Locks are present and in good condition (i.e., no rust)?	Yes	No	
Well cap is present and is watertight?	Yes	✓	
Top-of-casing survey mark exists and is legible?	Yes	✓	

Additional comments:

Relabel well, Replace well tag. Tap & Replace Bolts, Replace gasket

Monitoring Well Inspection Form

Well ID: 305IN	Date: 4.26.17
Inspection Conducted By: J. Cook	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?		✓	
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—	—	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—	—	
Well cap is present and is watertight?		✓	
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Relabel well, Replace well tag, Tap & Replace bolts
Replace gasket.

Monitoring Well Inspection Form

Well ID: 3851P	Date: 1/26/17
Inspection Conducted By: R. GRABERT	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	✓		
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	✓		
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 3852-MF	Date: 4/24/17
Inspection Conducted By: C. CHAU	

As-built depth of well?		**Measured depth of well?**			**Difference?**	
Condition of bottom of well?	**Soft tag?**	**Yes**	**No**	**Firm tag?**	**Yes**	**No**

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?		✓	
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?	✓		
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? Added
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	✓		Added
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?			
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 38525	Date: 4/24/17
Inspection Conducted By: C. Otto	

As-built depth of well?		**Measured depth of well?**			**Difference?**	
Condition of bottom of well?	**Soft tag?**	**Yes**	**No**	**Firm tag?**	**Yes**	**No**

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?		✓	
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—	—	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top of casing elevation (ft msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—	—	
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: ~~B952H~~ 3952H	**Date:** 4/24/17
Inspection Conducted By: C. Chou	

As-built depth of well?		**Measured depth of well?**			**Difference?**	
Condition of bottom of well?	**Soft tag?**	**Yes**	**No**	**Firm tag?**	**Yes**	**No**

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?		✓	
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?	✓		
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? Added
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	✓		Added
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?			
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 3852J	Date: 4/26/17
Inspection Conducted By: R. SWEATER	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—	—	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are wet)	Yes ✓		
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (msl), total as-built depth)	✓		
Locks are present and in good condition (i.e., no rust)?	✓	—	
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?	✓		

Additional comments:

Monitoring Well Inspection Form

Well ID: 3852K	Date: 4/20/17
Inspection Conducted By: R. SABATER	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	**Soft tag?**	**Yes**	**No**	**Firm tag?**	**Yes**	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—		
Is the area around the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (amsl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—		
Well cap is present and is watertight?	✓		
Top-of casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 3852L	Date: 4/26/17
Inspection Conducted By: R SATBAKER	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag? Yes	No	Firm tag? Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)		✓	FLOODED. STANDING WATER FROM 0. BOLTS RUSTED
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? ADDED
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (amsl), total as-built depth)	✓		ADDED
Locks are present and in good condition (i.e., no rust)?		✓	RUSTED
Well cap is present and is watertight?			
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 3852MA	Date: 4/24/17
Inspection Conducted By: C. Citron	

As built depth of well?		Measured depth of well?			Difference?	
Condition of bottom of well?	Soft bag?	Yes	No	Firm bag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		STANDING WATER REMOVED. REPAIRED
Does vault gasket need to be replaced?	Yes ✓		Outside diameter of vault gasket? REPLACED
Well tag is present within well monument and is legible? (well I.D. number, top of casing elevation in ft), total as built depth	✓		ADDED
Locks are present and in good condition (i.e., no rust)?	✓	✓	
Well cap is present and is watertight?			
Top of casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 3852 H	Date: 8/24/17
Inspection Conducted By: C. Caton	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓	✓	
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition (i.e., no standing water and bolts are okay)	✓		STANDING WATER REMOVED. NOT IMPEDED
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? REPLACED
Well tag is present within well monument and is legible? (well name/number, top of casing elevation (mmsl), total as-built depth)	✓		ADDED
Locks are present and in good condition (i.e., not rusty)?	✓	✓	
Well cap is present and is watertight?			
Top of casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 3860J	Date: 4/26/17
Inspection Conducted By: R. SARBAKER	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?			
Is the area around the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and components tight)		✓	
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? ADDED
Well tag is present within well monument and is legible? (well name/number, top of casing elevation (if any), total well depth)		✓	ADDED
Locks are present and in good condition (i.e., no rust)?	✓		PENTA BOLTS
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 3860K	Date: 4/26/17
Inspection Conducted By: R. SKEATER	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	✓		
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)		✓	
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? ADDED/REPLACED
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	ADDED
locks are present and in good condition (i.e., no rust)?	✓		PENTA BOLTS
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 386 D	Date: 4/20/17
Inspection Conducted By: R. SABATER	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		REPLACED
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? ADDED
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	ADDED
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?		✓	
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 3861E	Date: 4/26/17
Inspection Conducted By: R. SARGENT	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	Yes ✓	No	
Surrounding area is free of vegetation, waste, and debris	Yes ✓	No	
Well name is present and legible on exterior of well?	Yes ✓	No	
Protective casing is not damaged or corroded?	Yes ✓	No	
Guard posts (if present) are in good condition?	Yes	No ✓	
Is the area round the well flooded?	Yes	No ✓	
Surface pad exists and is not cracked or deteriorated?	Yes ✓	No	
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	Yes	No ✓	REPAIRED
Does vault gasket need to be replaced?	Yes ✓	No	Outside diameter of vault gasket? ADDED
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	Yes	No ✓	ADDED
Locks are present and in good condition (i.e., no rust)?	Yes	No ✓	
Well cap is present and is watertight?	Yes	No ✓	
Top-of-casing survey mark exists and is legible?	Yes	No ✓	
Additional comments:			

Monitoring Well Inspection Form

Well ID: 386F	Date: 4/26/17
Inspection Conducted By: R. SHRADER	

As-built depth of well?		**Measured depth of well?**			**Difference?**	
Condition of bottom of well?	**Soft tag?**	**Yes**	**No**	**Firm tag?**	**Yes**	**No**

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well locked?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and lockable)		✓	REPAIRED
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? ADDED
Well tag is present within well monument and is legible? (well name/number, top of casing elevation (ft msl), total as-built depth)		✓	ADDED
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?		✓	
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: ~~3862-D~~ 3862D	Date: 4/24/17
Inspection Conducted By: C. Chou	

As-built depth of well?		Measured depth of well?			Difference?	
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓	✓	
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? Added
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (ft msl), total as-built depth)	✓		Added
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: ~~3862E~~ 3862E	Date: 4/24/17
Inspection Conducted By: C. CHOU	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area around the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?			
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		STANDING WATER REMOVED
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? REPLACED
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation) (mark N/A as appropriate)	✓		ADDED
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?		✓	
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 38709	Date: 4-26-17
Inspection Conducted By: J. Cook	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—		
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)		✓	Some water
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? 1.98' Diamond Plate Vault
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	✓		
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Replaced well tag. added bolt
Missing 1 bolt (Small size ~3/8"/7/16")

Monitoring Well Inspection Form

Well ID: 3971 H	Date: 4/26/17
Inspection Conducted By: R. SABATER	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	Yes ✓	No	
Surrounding area is free of vegetation, waste, and debris	Yes ✓	No	
Well name is present and legible on exterior of well?	Yes ✓	No	
Protective casing is not damaged or corroded?	Yes ✓	No	
Guard posts (if present) are in good condition?	Yes	No ✓	
Is the area round the well flooded?	Yes	No ✓	
Surface pad exists and is not cracked or deteriorated?	Yes ✓	No	
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	Yes ✓	No	REPAIRED
Does vault gasket need to be replaced?	Yes ✓	No	Outside diameter of vault gasket? ADDED
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	Yes ✓	No	ADDED
Locks are present and in good condition (i.e., no rust)?	Yes ✓	No	
Well cap is present and is watertight?	Yes	No	
Top-of-casing survey mark exists and is legible?	Yes	No ✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 387I J	Date: 4/26/17
Inspection Conducted By: R. SARGENT	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area around the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		REPLACED
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? ADDED
Well tag is present within well document and is legible? (well name/number, top-of-casing elevation in msl, total as-built depth)	✓		ADDED
Locks are present and in good condition (i.e., no rust)?	✓		
Well cap is present and is watertight?			
Top of casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 3872K	Date: 4/24/17
Inspection Conducted By: C. CHOW	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	**Soft tag?**	**Yes**	**No**	**Firm tag?**	**Yes**	**No**

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well cracked?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)		✓	
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket? ADDED
Well tag is present within well monument and is legible? (well name/ number, top-of-casing elevation (msl), total as-built depth)		✓	ADDED
Locks are present and in good condition (i.e., no rust)?	✓		PENTA BOLTS
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 3872L	Date: 4/24/11
Inspection Conducted By: C. Chou	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area around the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and no trash debris)	✓		RETRACED
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket? ADDED
Well tag is present within well monument and is legible? (well name/number, top of casing elevation (ft msl), total as-built depth)	✓		
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?			
Top-of-casing survey mark exists and is legible?			

Additional comments:

Monitoring Well Inspection Form

Well ID: 3872M	Date: 4/24/17
Inspection Conducted By: C. Chou	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and lid is airtight)	✓		REPLACED
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket? REPLACED 4/24
Well tag is present within well monument and is legible? (well name/number, top of casing elevation (in feet), total well depth)	✓		ADDED
Locks are present and in good condition? (i.e., no rust)?		✓	
Well cap is present and is watertight?			
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Monitoring Well Inspection Form

Well ID: 387 2N	Date: 4/24/17
Inspection Conducted By: CHARLIE CHOU	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area around the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		RETRIEVED
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? ADDED
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	✓		ADDED
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?			
Top-of-casing survey mark exists and is legible?			
Additional comments:			

Monitoring Well Inspection Form

Well ID: 3812Q	Date: 4/24/17
Inspection Conducted By: C. CHOU	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	Yes ✓	No	
Surrounding area is free of vegetation, waste, and debris	Yes ✓	No	
Well name is present and legible on exterior of well?	Yes ✓	No	
Protective casing is not damaged or corroded?	Yes ✓	No	
Guard posts (if present) are in good condition?	Yes	No ✓	
Is the area round the well flooded?	Yes	No ✓	
Surface pad exists and is not cracked or deteriorated?	Yes ✓	No	
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	Yes ✓	No	METH PERIMETER 4/24/17
Does vault gasket need to be replaced?	Yes ✓	No	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (to msl), total as-built depth)	Yes	No	
Locks are present and in good condition (i.e., no rust)?	Yes ✓	No	
Well cap is present and is watertight?	Yes	No	
Top-of-casing survey mark exists and is legible?	Yes	No	

Additional comments:

Monitoring Well Inspection Form

Well ID: 38725	Date: 4/24/17
Inspection Conducted By: C. CHOU	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		BOLT HOLES REPHRASED 4/24/17
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? added 4/24/17
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	✓		ADDED 4/24/17
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?			
Top-of-casing survey mark exists and is legible?			

Additional comments:

Monitoring Well Inspection Form

Well ID: A-1-CW02	Date: 4/24/17
Inspection Conducted By: R. SPRAGUER	

As-built depth of well?		**Measured depth of well?**			**Difference?**	
Condition of bottom of well?	**Soft tag?**	**Yes**	**No**	**Firm tag?**	**Yes**	**No**

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	✓		
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)		✓	
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? ADDED
Well tag is present within well monument and is legible? (i.e. name/number, top-of-casing elevation [if any], total as-built depth)		✓	ADDED
Locks are present and in good condition (i.e., no rust)?	✓		PENTA BOLTS
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?	✓		

Additional comments:

Monitoring Well Inspection Form

Well ID: A-1-CW03R	**Date:** 4/26/17
Inspection Conducted By: P. STABATER	

As-built depth of well?		**Measured depth of well?**			**Difference?**	
Condition of bottom of well?	**Soft tag?**	**Yes**	**No**	**Firm tag?**	**Yes**	**No**

Maintenance Item:	**Yes**	**No**	**Comment:**
Well is visible and accessible?	Yes ✓	No	
Surrounding area is free of vegetation, waste, and debris	Yes ✓	No	
Well name is present and legible on exterior of well?	Yes ✓	No	
Protective casing is not damaged or corroded?	Yes ✓	No	
Guard posts (if present) are in good condition?	Yes —	No —	
Is the area round the well flooded?	Yes	No ✓	
Surface pad exists and is not cracked or deteriorated?	Yes ✓	No	
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	Yes	No ✓	
Does vault gasket need to be replaced?	Yes ✓	No	Outside diameter of vault gasket? APPROP
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	Yes	No ✓	ADDED
Locks are present and in good condition (i.e., no rust)?	Yes —	No —	PENTA BOLTS
Well cap is present and is watertight?	Yes ✓	No	
Top-of-casing survey mark exists and is legible?	Yes ✓	No	

Additional comments:

Monitoring Well Inspection Form

Well ID: A-1-CW07	Date: 4-26-2017
Inspection Conducted By: J. Cook	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?		✓	
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?			
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?		✓	Cracked Pad
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?		✓	
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Relabel well; Replace well tag. Tap & Replace bolts
Replace gasket.

Monitoring Well Inspection Form

Well ID: B-1-Cwell	Date: 4.26.17
Inspection Conducted By: J. Cook	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?		✓	
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—	—	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—	—	
Well cap is present and is watertight?		✓	
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Relabel well, add well tag
well vault lid does not have bolt holes

Monitoring Well Inspection Form

Well ID: B-1-GW12	Date: 4-26-17
Inspection Conducted By: 3 Cook	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?		✓	
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—		
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (ft amsl), total as built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—		
Well cap is present and is watertight?		✓	
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Re-label well, add well tag.

Vault lid has no bolt holes

Monitoring Well Inspection Form

Well ID: B-1-Well6	Date: 4-26-11
Inspection Conducted By: J. Lee	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintanance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	✓		
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket? larger than purchased gaskets
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	✓		
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?	✓		

Additional comments:

Add well tag. Re-Tap and add bolts.

Monitoring Well Inspection Form

Well ID: B-1-Cu17	Date: 4/24/17
Inspection Conducted By: C. CHOU	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top of-casing elevation (ft msl), total as-built depth)	✓		NEW WELL TAG ADDED 4/24/17
Locks are present and in good condition (i.e., no rust)?	✓		
Well cap is present and is watertight?			
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

BOLT HOLES REPTIPPED & PENTA BOLTS IN PLACE

Monitoring Well Inspection Form

Well ID: B-1-MW	Date: 4.20.17
Inspection Conducted By: J Cook	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—		
Is the area around the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (i.e. name/number, top-of-casing elevation (ft msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—		
Well cap is present and is watertight?		✓	
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Relabel well. Replace tags. Tap & replace bolts gasket is too small.

Monitoring Well Inspection Form

Well ID: B-1-CW25	Date: 4/24/17
Inspection Conducted By: C. Chou	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (ft msl), total as-built depth)	✓		ADDED 4/24/17
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?			
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

BOLT HOLES REINFORCED. NEED TO REPLACE LID. CURRENT LID DOES NOT HAVE BOLT HOLES.

Monitoring Well Inspection Form

Well ID: B-1-cmf27	Date: 4/24/17
Inspection Conducted By: C. CHOU	

As-built depth of well?		Measured depth of well?		Difference?		
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓	✓	STANDING WATER. REMOVED
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket? NEW GASKET ADDED 4/24/17
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	✓		ADDED 4/24/17
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?			
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

BOLT HOLES RETHREADED & PENTA BOLTS IN PLACE

Monitoring Well Inspection Form

Well ID: B-1-CW29	Date: 4-26-17
Inspection Conducted By: J. Cook	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?		✓	
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?			
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	✓		
Well cap is present and is watertight?		✓	
Top-of-casing survey mark exists and is legible?	✓		

Additional comments:

well cap Needs to be Replaced. Vault lid is large No gasket, No bolts. added well tag

Monitoring Well Inspection Form

Well ID: BFGW02	Date: 6-26-17
Inspection Conducted By: S. Cook	

As-built depth of well?		Measured depth of well?			Difference?	
Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—		Guard wall ok
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?		✓	
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Replace gasket. Tap & Replace Bolts

Replace well Tag

Monitoring Well Inspection Form

Well ID: B-5-CW03	Date: 4.7.17
Inspection Conducted By: J. Cook	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?			Guard well ok
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?		✓	
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Replace gasket, Tap & Replace Bolts

Replace well tag

Monitoring Well Inspection Form

Well ID: TZ - PW01	Date:
Inspection Conducted By:	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?		✓	
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area around the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	✓		ADDED
Locks are present and in good condition (i.e., no rust)?	✓		
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?	✓		

Additional comments:

ENCO WELL BOX

Monitoring Well Inspection Form

Well ID: TT-PW02	Date: 4/26/17
Inspection Conducted By: R. SKRATER	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?		✓	
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?		✓	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)	✓		ADDED
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?	✓		

Additional comments:

EXCO well Box

Monitoring Well Inspection Form

Well ID: SW-01	Date: 4-26-17
Inspection Conducted By: J. Cook	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?		✓	
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?	—	—	
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?	✓		Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (to msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?	—	—	
Well cap is present and is watertight?		✓	well cap will not fit. Need to Modify top of casing.
Top-of-casing survey mark exists and is legible?		✓	

Additional comments:

Re-label well. Add well tag, Replace all Bolts & re-tap hole, Replace gasket

Monitoring Well Inspection Form

Well ID: GW-05	Date: 4-26-17
Inspection Conducted By: J. Cook	

As-built depth of well?	Measured depth of well?	Difference?

Condition of bottom of well?	Soft tag?	Yes	No	Firm tag?	Yes	No

Maintenance Item:	Yes	No	Comment:
Well is visible and accessible?	✓		
Surrounding area is free of vegetation, waste, and debris	✓		
Well name is present and legible on exterior of well?	✓		
Protective casing is not damaged or corroded?	✓		
Guard posts (if present) are in good condition?			
Is the area round the well flooded?		✓	
Surface pad exists and is not cracked or deteriorated?	✓		
Well vault (if present) is in good condition? (i.e., no standing water and bolts are tight)	✓		
Does vault gasket need to be replaced?		✓	Outside diameter of vault gasket?
Well tag is present within well monument and is legible? (well name/number, top-of-casing elevation (in msl), total as-built depth)		✓	
Locks are present and in good condition (i.e., no rust)?		✓	
Well cap is present and is watertight?	✓		
Top-of-casing survey mark exists and is legible?	✓		

Additional comments:

Replace well tag.

EMCO Vault.

Second Quarter 2017 Groundwater Elevation Data

Field Personnel: R. SABATER

Field Personnel:

Well ID	Date Measured	Time Measured	2016 Depth to groundwater (feet btoc)	2017 Depth to groundwater (feet btoc)	Comments
4580			151.50		
4248			282.25		
3810Q			229.72		
3850S			230.52		
3831Q	4/18/17	1022	191.05	198.30	
3850M	4/20/17	1002	218.95	228.15	
3850N			197.12		
3850Q			191.50		
3850R			191.19		
3850S			Unlocked		
3850T	4/19/17	1428	215.52	224.58	
3850U	4/19/17	1414	218.94	228.25	
3850V			225.30		
3850W			225.41		
3851M			185.21		
3851N			184.47		
3852B	4/18/17	1001	142.77	148.03	
4952G	4/18/17		144.46		BOLT ON LID STUCK. RETURN LATER
3852H	4/18/17	1010	146.35	149.65	
3852L	4/18/17	0945	156.15	164.95	
3852M	4/18/17	0915	132.62	136.91	
3852N	4/18/17	0921	137.12	137.94	
3860J			197.86		
3860K			204.45		
3861D			157.67		
3861L			136.82		
3861P			153.20		
4862D	4/18/17	0831	127.27	133.36	

Second Quarter 2017 Groundwater Elevation Data

Field Personnel: R. SABATOR

Field Personnel:

Well ID	Date Measured	Time Measured	2016 Depth to groundwater (feet btoc)	2017 Depth to groundwater (feet btoc)	Comments
[illegible]	4/18/17	0835	129.68	130.38	
[illegible]			162.47		
[illegible]	4/18/17	0846	131.23	138.19	
[illegible]	4/18/17	0852	132.26	132.80	
[illegible]	4/18/17	0808	105.03	110.68	
[illegible]	4/18/17	0812	103.88	106.58	
[illegible]	4/18/17	~~0820~~ 0820	102.98	108.49	
[illegible]	4/18/17	0749	114.01	120.81	
[illegible]	4/18/17	0754	114.93	120.87	
[illegible]	4/18/17	0757	111.32	117.30	
[illegible]			258.80		
SW-			227.34		
SW-3			223.00		
A-1-CW02			215.20		
A-1-CW03R			219.75		
A-1-CW04			211.79		
A-1-CW05			229.20		
A-1-CW07	4/19/17	1445	211.63	DRY	TD = 210.54
A-1-CW08	4/19/17	1435	213.84	226.60	
A-1-CW09			210.92		
B-1-CW11			134.80		
B-1-CW12			131.23		
B-1-CW13			132.03		
B-1-CW22			179.59		
B-1-CW27			136.63		
B-1-CW20			134.75		
B-1-CW25			175.16		
B-1-CW24			132.93		

Second Quarter 2017 Groundwater Elevation Data

Field Personnel: _____

Field Personnel: _____

Well ID	Date Measured	Time Measured	2016 Depth to groundwater (feet bloc)	2017 Depth to groundwater (feet bloc)	Comments
B-1-CW28			185.50		
B-1-CW29			165.40		
B-5-CW02			226.32		
B-5-CW03			226.03		
B-6-CW02			227.02		
B-6-CW05			250.23		
B-6-CW08			252.66		
B-6-CW09			253.97		
B-6-CW10	4/19/17	1506	248.34	247.00	
B-6-CW14	4/19/17	1458	232.58	240.76	
B-6-CW16			242.94		
B-6-CW17			266.63		
C-1-CW02			264.23		
C-1-CW03			264.43		
C-1-CW05			246.39		
C-1-CW06			Dry		
C-1-CW07	4/19/17	0939	250.78	264.71	
C-1-CW08	4/19/17	0930	256.61	264.40	
MW-01			Dry		
MW-02			Dry		
MW-03			240.09		
MW-04			233.90		
MW-05			235.25		
MW-06			208.95		
MW-07			229.81		
MW-08			253.15		
TI-PW-01			150.00		
TI-PW-02			141.49		

Second Quarter 2017 Groundwater Elevation Data

Field Personnel: _____

Field Personnel: _____

Well ID	Date Measured	Time Measured	2016 Depth to groundwater (feet btoc)	2017 Depth to groundwater (feet btoc)	Comments
OW-VO1A-R			158.68		
OW-VO1B-R			157.55		
OW-VO2A-R			164.15		
OW-VO2B-R			164.15		
OW-VO3A-R			168.45		
OW-VO3B-R			167.69		
OW-VO4A			179.48		
OW-VO4B			173.89		
OW-VO5A			185.92		
OW-VO5B			180.12		
OW-VO6A			194.22		
OW-VO6B			193.80		
OW-VO7A			205.32		
OW-VO7B			201.40		
OW-VO8A					
OW-VO8B					

Second Quarter 2017 Groundwater Elevation Data

Field Personnel: _____

Field Personnel: _____

Well ID	Date Measured	Time Measured	2016 Depth to groundwater (feet btoc)	2017 Depth to groundwater (feet btoc)	Comments
3850	4/12/17	0935	191.50	194.29	TOC
4948			262.25		
3850Q	4-18-17	1501	239.72	235.16	BTOC
3850S	4-18-17	1510	239.12	235.31	BTOC
3851Q	RS		191.05		
3850M	RS		218.93		
3850N	4-20-17	1111	197.12	203.31	BTOC
3850O	4-20-17	1113	191.80	198.28	Top of Sounding tube
3850R	4-20-17	1114	190.19	198.35	BTOC
3850S	~~4-18-17~~		~~190.19~~	~~235.31~~	~~BTOC~~
3850T	RS		215.62		
3850U	RS		218.94		
3850V	4-18-2017	0955	225.30	233.75	Top of sounding tube
3850W	4-18-2017	1343	225.41	233.45	Top of sounding tube
3851M	4-14-17	1012	185.20	191.19	TOC
3851N	4-14-17	1009	184.17	190.44	TOC
3852F	RS		142.77		
3852G	RS		143.46		
3852H	RS		146.25		
3852L	RS		156.93		
3852M	RS		142.62		
3852N	RS		137.32		
3860J	~~4/18/17~~	0901	197.06	203.54	TOC
3860K	4-18-17	1028	204.45	217.21	TOC
3861D	4-14-17	0940	153.07	164.20	TOC
3861E	4-14-17	0944	154.82	163.60	TOC
3861F	4-14-17	0937	153.70	159.44	BTOC
3862D	RS		129.23		

Second Quarter 2017 Groundwater Elevation Data

Field Personnel: _____

Field Personnel: _____

Well ID	Date Measured	Time Measured	2016 Depth to groundwater (feet btoc)	2017 Depth to groundwater (feet btoc)	Comments
3870E	RS	0747	134.68		TOC
3870D	4-18-2017	0747	162.47	169.28	TOC
3871H	RS		131.22		
3871J	RS		129.36		
3872L	RS		105.09		
3872M	RS		100.88		
3872N	RS		102.68		
3872O	RS		114.70		
3872P	RS		111.93		
3872S	RS		111.32		
4940C			258.59		
SW-1	4/18/17	0815	237.91	244.75	TOC
SW-5	4/18/17	0827	227.00	235.37	TOC
A-1-CW02	4.19.17	1045	210.20	222.80	TOC
A-1-CW03R	4.19.17	1042	219.75	226.96	TOC
A-1-CW04	4.19.17	1403	211.19	217.52	TOC
A-1-CW05	4.18.17	1414	209.70	216.18	TOC
A-1-CW07	RS		211.63		
A-1-CW08	RS		217.80		
A-1-CW09	4-18-2017	1217	209.92	217.67	TOC
B-1-CW11	4.19.17	0737	144.80	150.40	TOC
B-1-CW12	4.19.17	0735	151.22	155.58	TOC
B-1-CW13	4.18.17	0817	192.03	200.05	TOC
B-1-CW16	4.19.17	1029	179.70	186.44	TOC
B-1-CW17	4.19.17	0909	135.64	140.51	TOC
B-1-CW20	4.19.17	0921	134.75	140.55	TOC
B-1-CW25	4.19.17	0820	178.16	185.95	TOC
B-1-CW27	4.19.17	0816	172.66	179.36	TOC

Second Quarter 2017 Groundwater Elevation Data

Field Personnel: _____

Field Personnel: _____

Well ID	Date Measured	Time Measured	2016 Depth to groundwater (feet btoc)	2017 Depth to groundwater (feet btoc)	Comments
B-1-CW28	4/20/17	08 30	185.41	191.69	TOC
B-1-CW29	4-19-2017	0751	165.43	171.26	TOC TD 171.65'
B-5-CW02	4-18-2017	1432	226.67	232.60	BTOC
B-5-CW03	4/18/17	1490	226.07	228.35	DRY TD
B-6-CW02	4-18-2017	1006	227.02	234.04	BTOC
B-6-CW05	4/18/17	1323	250.75	252.07	TOC
B-6-CW08	4-19-2017	1256	252.66	259.40	BTOC
B-6-CW09	4-19-2017	1259	253.19	257.95	top of sounding tube, DRY
B-6-CW10	RS		238.34		
B-6-CW11	RS		242.78		
B-6-CW16	4-18-2017	1400	242.94	250.78	TOC
B-6-CW17	4-19-2017	1331	266.63	271.93	BTOC
C-1-CW02	4-18-17	1257	264.33	270.59	TOC
C-1-CW03	4-18-17	1300	264.43	271.01	TOC
C-1-CW05	4-18-17	1231	246.39	251.71	TOC
C-1-CW06	4-18-17	1240	Dry	247.12	DRY TD
C-1-CW07	RS		256.78		
C-1-CW08	RS		256.61		
MW-01	4-18-2017	0901	Dry	240.25	DRY TD
MW-02	4-18-2017	0855	Dry	238.71	DRY TD
MW-03	4/18/17	0845	249.09	257.09	TOC
MW-04	4-18-2017	0927	222.90	240.90	TOC
MW-05	4/18/17	0909	235.25	243.04	TOC
MW-06	4/18/17	0915	206.95	241.04	DRY TD
MW-07	4-18-17	0944	229.81	243.26	243.26 TOC
MW-08	4/12/17	0934	235.16	237.82	TOC
Ti-PW-01	11-20-17	1131	150.00	156.66	BTOC
Ti PW-02	11/20/17	1148	141.49	147.45	BTOC

Second Quarter 2017 Groundwater Elevation Data

Field Personnel: _____

Field Personnel: _____

Well ID	Date Measured	Time Measured	2016 Depth to groundwater (feet btoc)	2017 Depth to groundwater (feet btoc)	Comments
OW-VOIA-R	4-19-17	0853	154.68	167.62	Btoc
OW-VOIB-P	4-19-17	0857	157.58	162.48	Btoc
OW-VO2A-P	4-19-17	0843	161.15	179.15	BTOC
OW-VO2B-R	4-19-17	0847	161.15	164.71	BTOC
OW-VO3A-R	4-19-17	0827	168.45	176.72	BTOC
OW-VO3B-R	4-19-17	0830	167.89	169.19	BTOC
OW-VO4A	4-20-17	0852	179.48	185.85	Top of sounding tube
OW-VO4B	4-20-17	0855	173.69	182.23	Top of sounding tube
OW-VO5A	4-20-17	1103	163.92	199.13	Top of sounding tube
OW-VO5B	4-20-17	1104	180.12	188.40	Top of sounding tube
OW-VO6A	4-20-17	1110	194.22	20223	Top of sounding tube
OW-VO6B	4-20-17	1109	193.80	197.72	Top of sounding tube
OW-VO7A	4-20-17	1119	205.32	211.94	Top of Sounding tube
OW-VO7B	4-20-17	1125	210.10	209.95	Top of well cap
OW-VO8A	4-18-17	0955	[illegible]	192.61	Btoc
OW-VO8B	4-20-17	0958	—	191.04	BTOC

4.19.17 Round

B-1-CW30	4-19-17	0751	169.80	TOC
B-1-CW31	4-19-17	0744	170.59	
B-1-CW32	4-19-17	0914	148.16	TOC
B-1-CW33	4-19-17	0807	189.80	TOC
B-1-CW35	4-19-17	0730	154.32	TOC

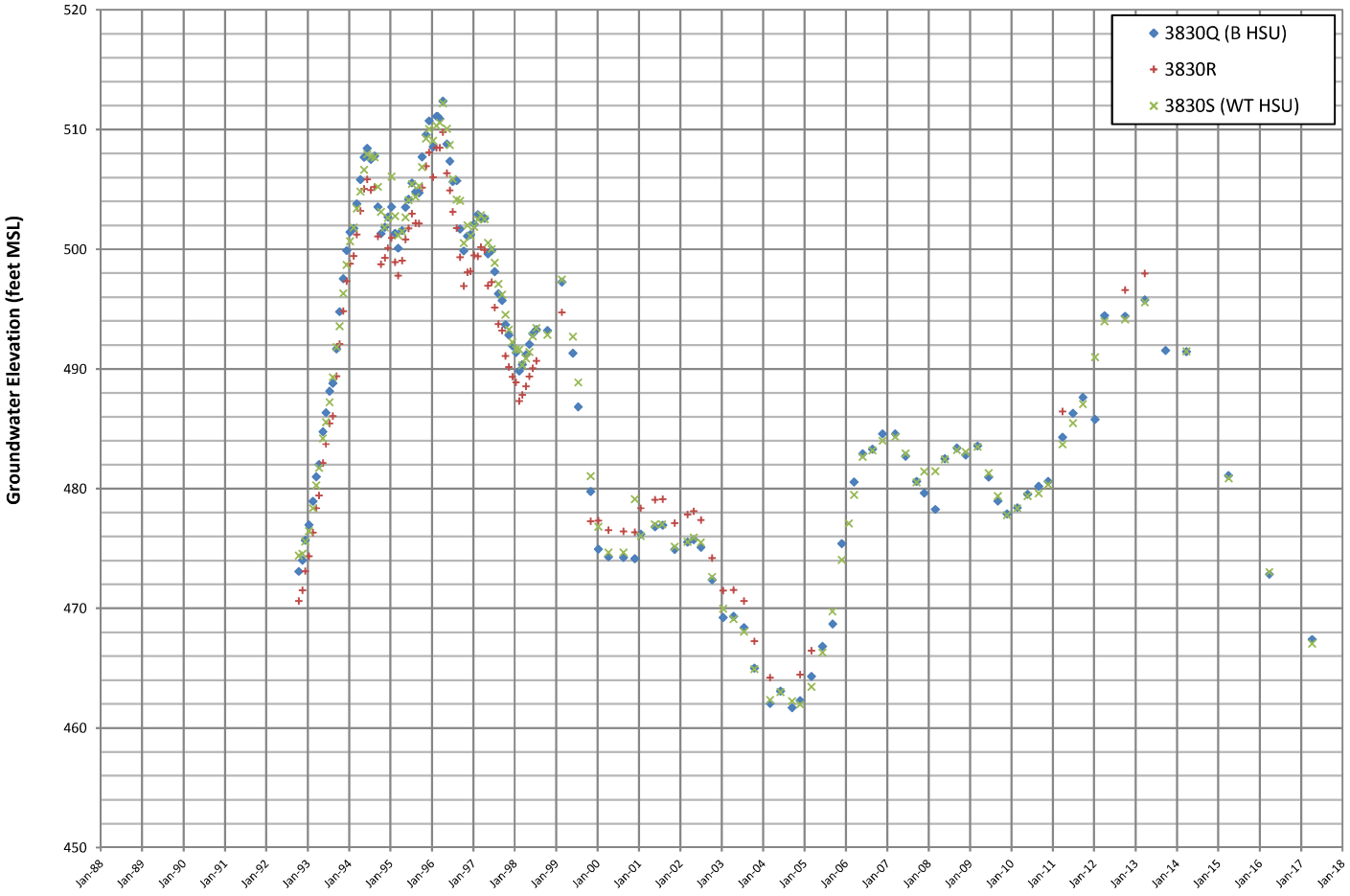
Appendix C
Hydrographs for Select Monitoring Wells

Annual Groundwater Monitoring Report, Second Quarter 2017

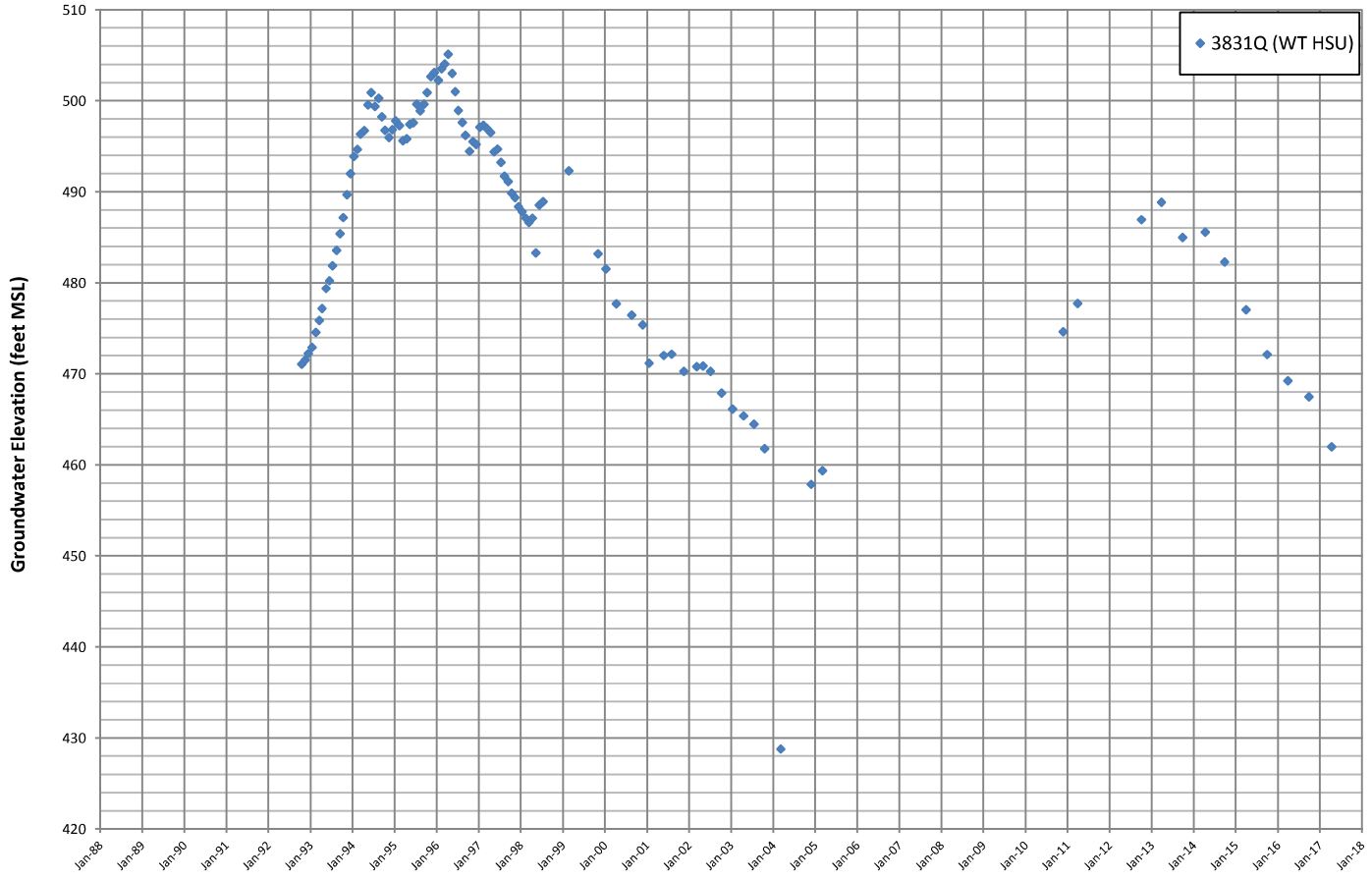
Lockheed Martin Corporation

Burbank Operable Unit, Burbank, CA

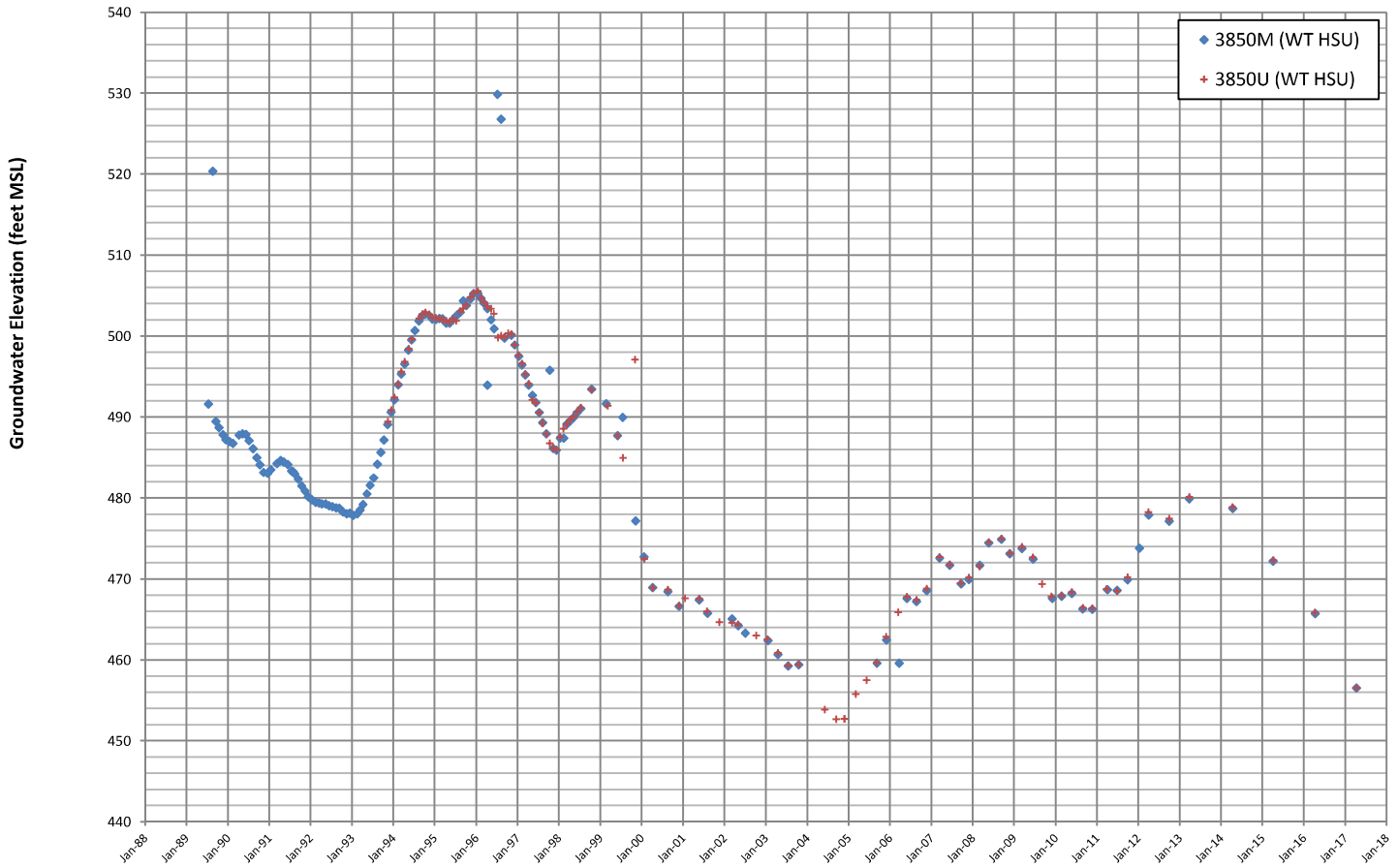
Appendix C
Graph C-1
Time Series Hydrograph - 3830Q, 3830R, and 3830S



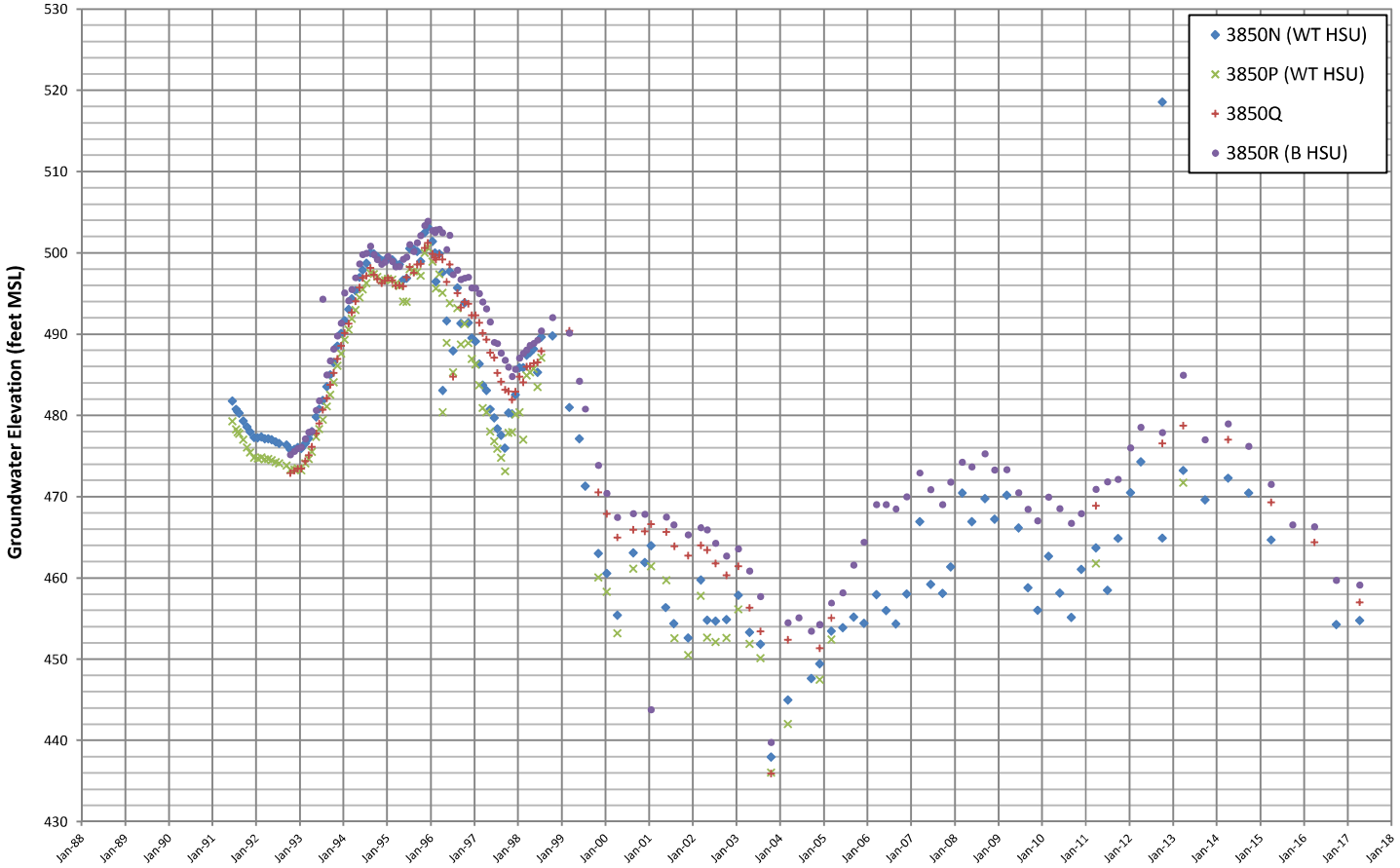
Appendix C
Graph C-2
Time Series Hydrograph - 3831Q



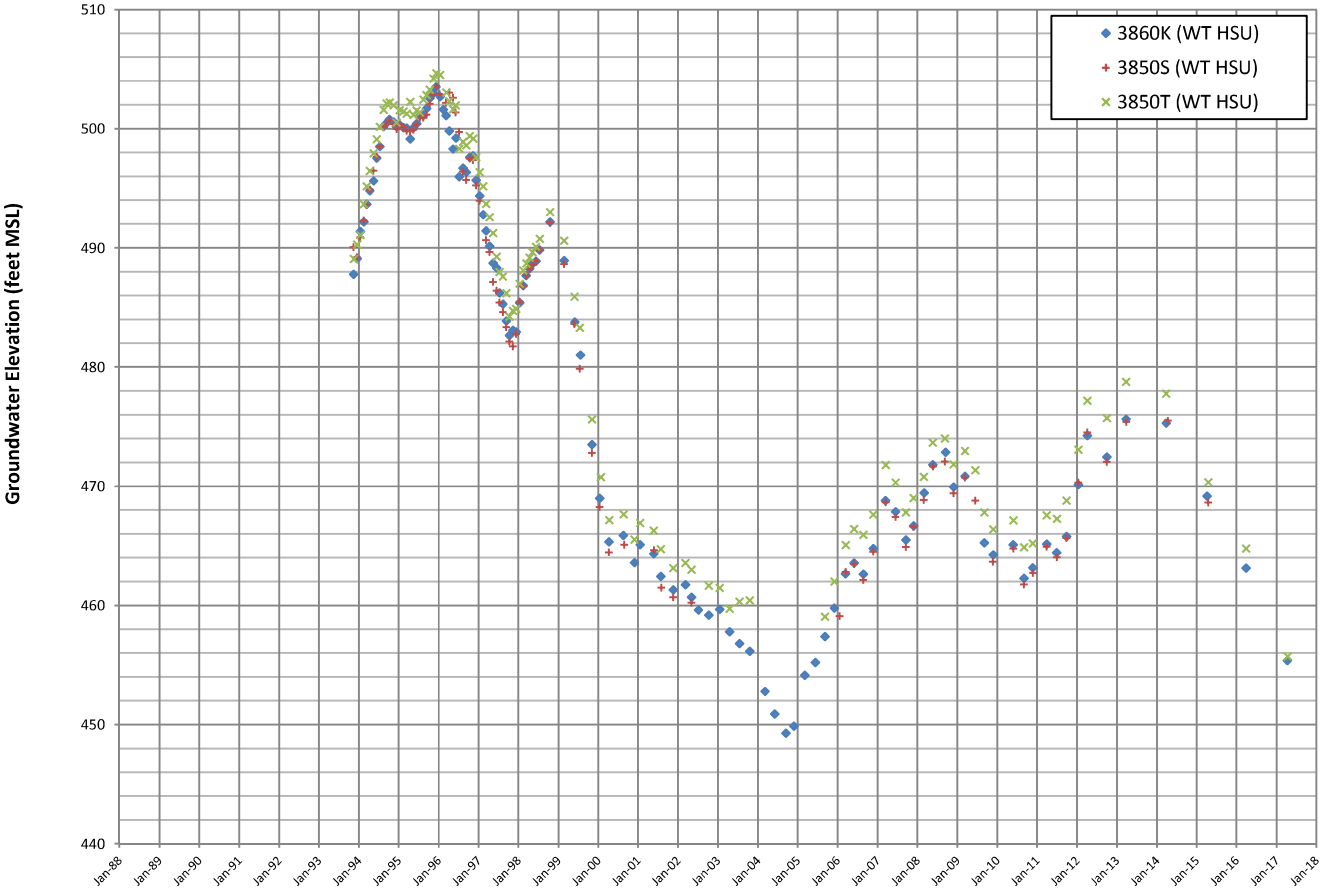
Appendix C
Graph C-3
Time Series Hydrograph - 3850M and 3850U



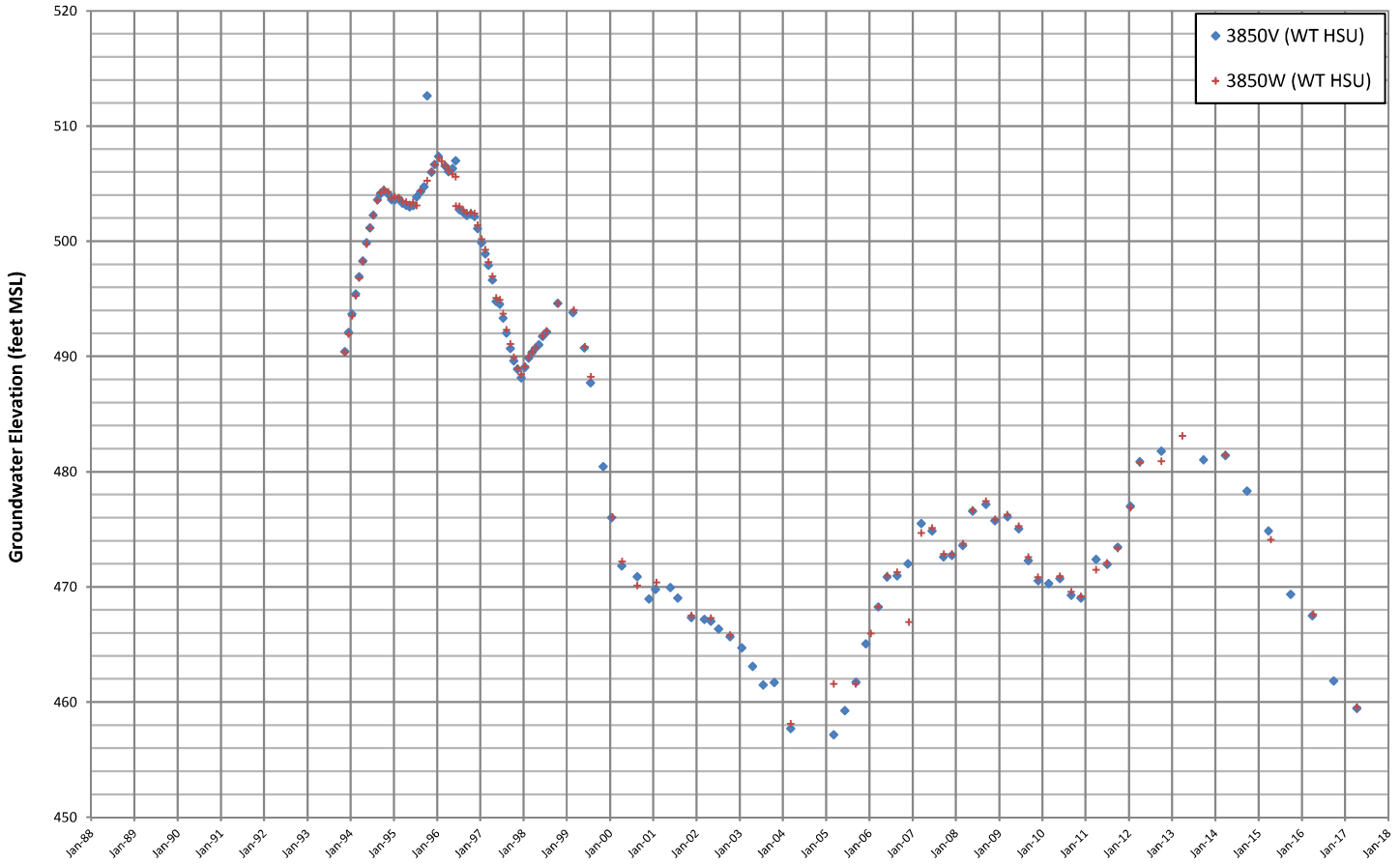
Appendix C
Graph C-4
Time Series Hydrograph - 3050N, 3850Q, 3850P, and 3850R



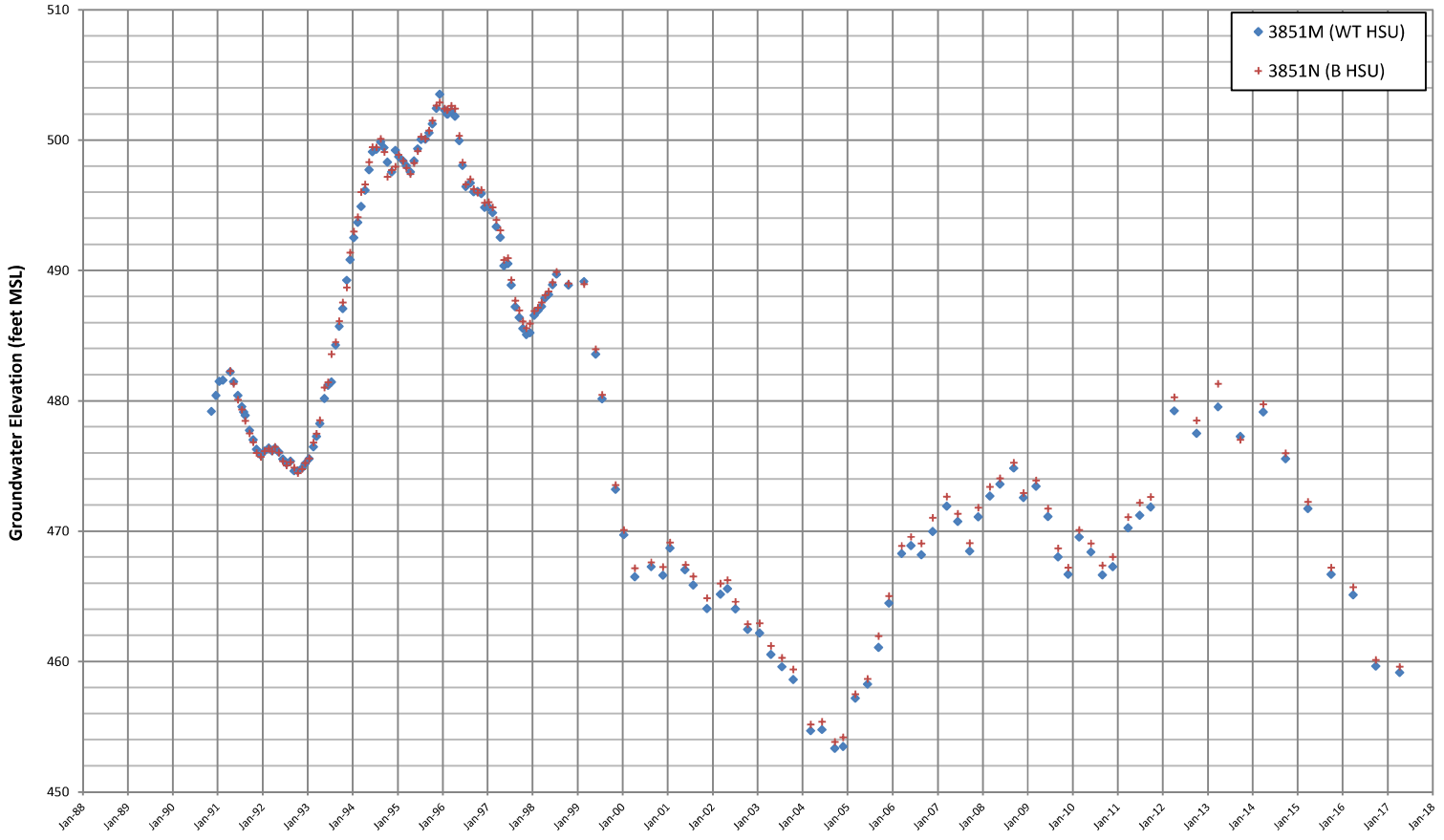
Appendix C
Graph C-5
Time Series Hydrograph - 3860K, 3850S, and 3850T



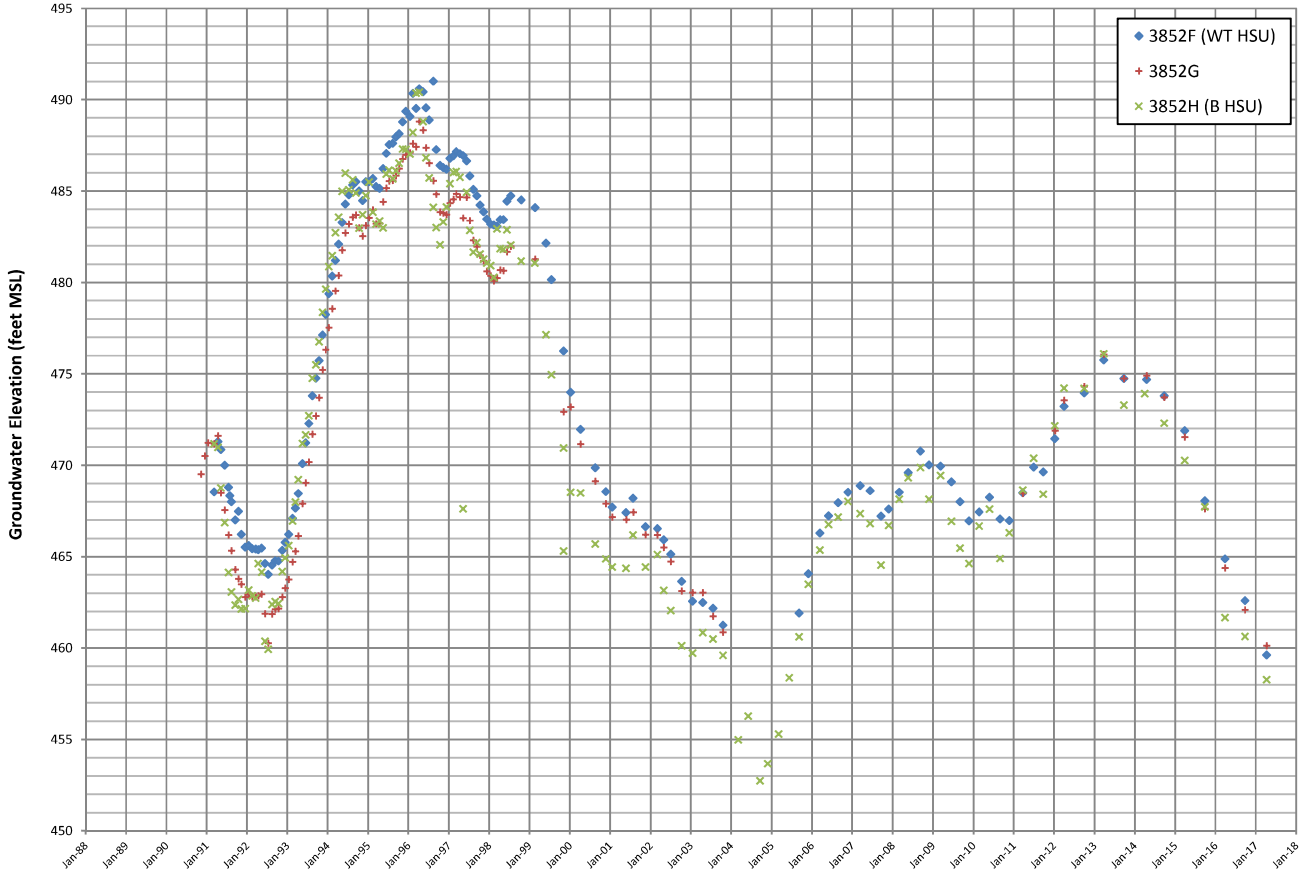
Appendix C
Graph C-6
Time Series Hydrograph - 3850V and 3850W



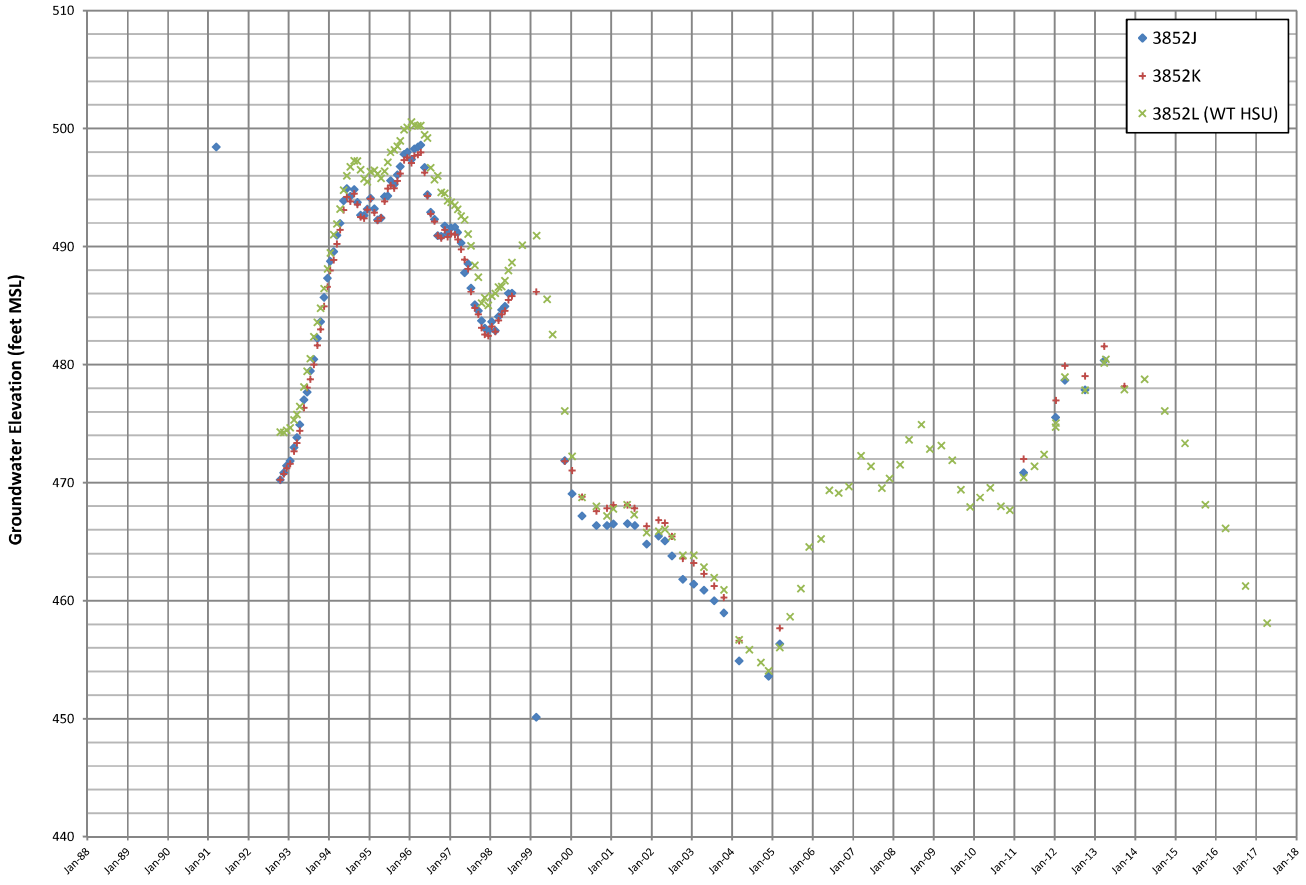
Appendix C
Graph C-7
Time Series Hydrograph - 3851M and 3851N



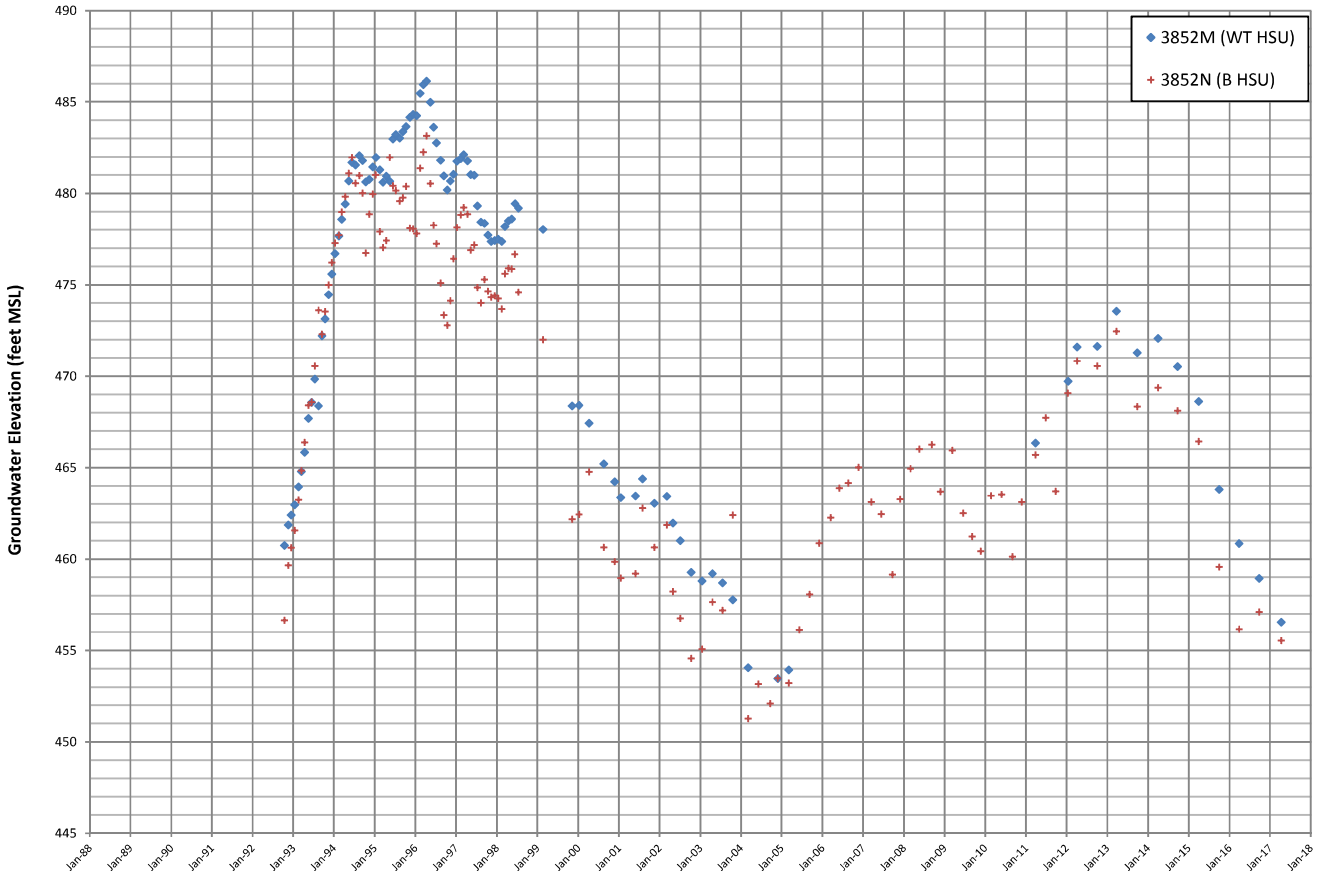
Appendix C
Graph C-8
Time Series Hydrograph - 3852F, 3852G, and 3852H



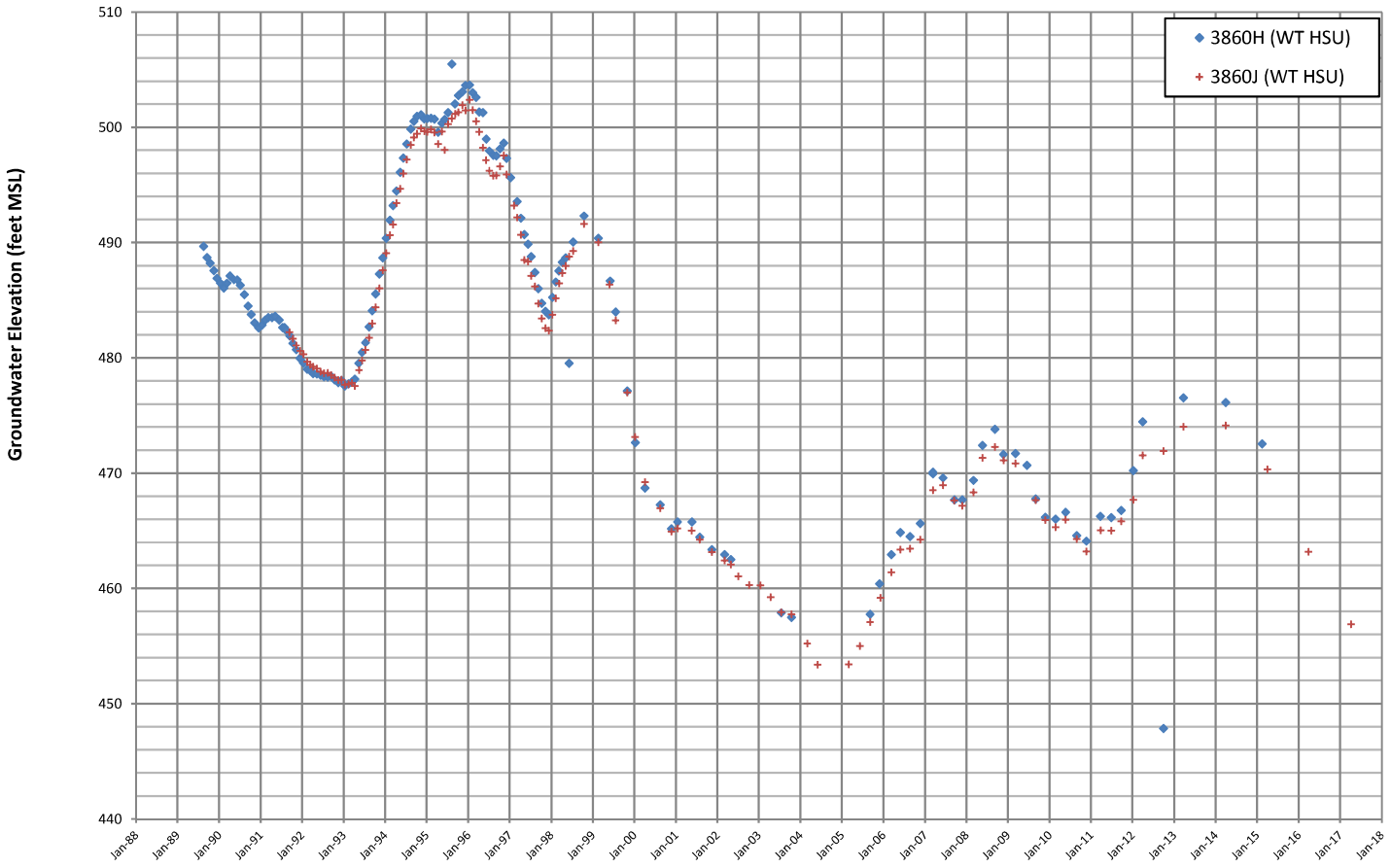
Appendix C
Graph C-9
Time Series Hydrograph - 3852J, 3852K, and 3852L



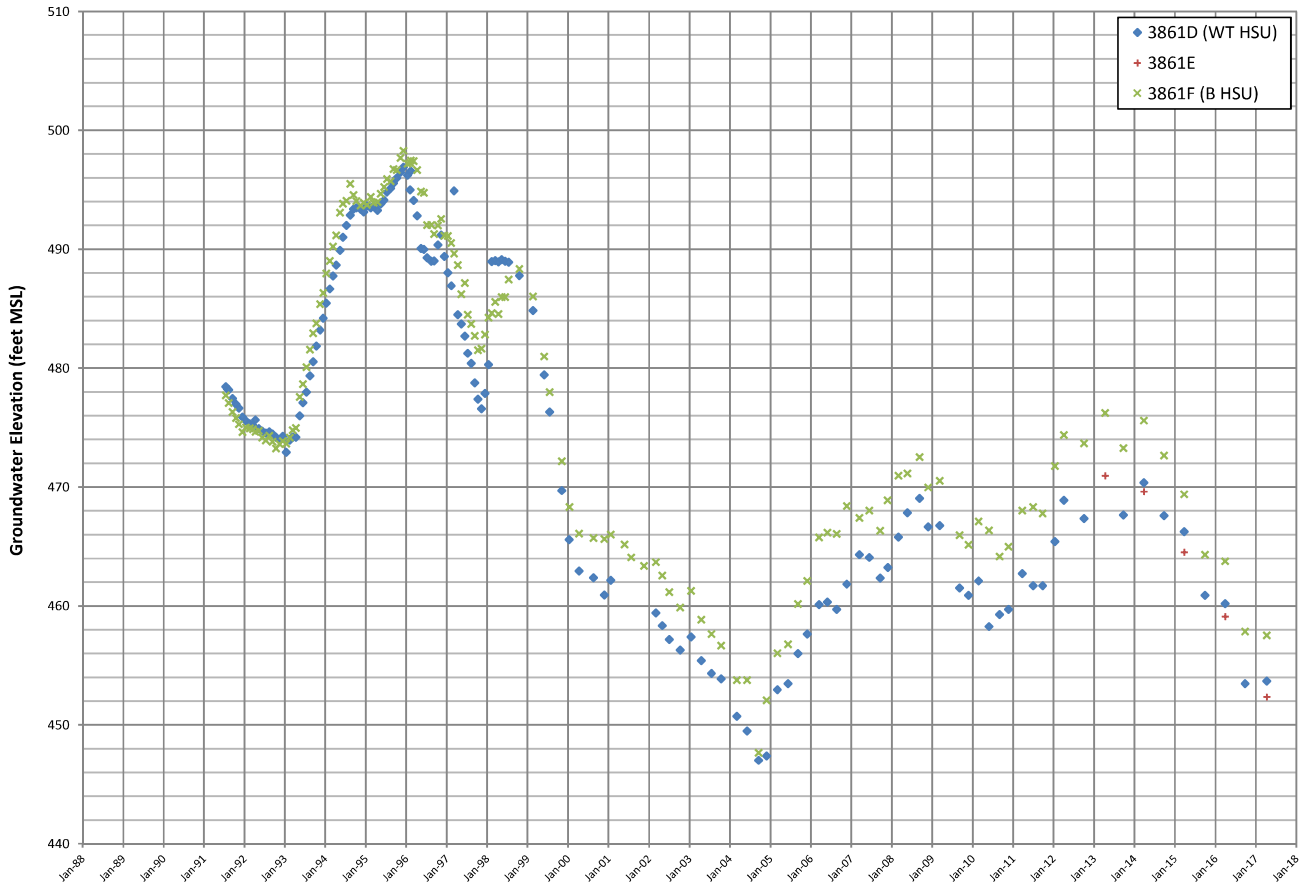
Appendix C
Graph C-10
Time Series Hydrograph - 3852M and 3852N



Appendix C
Graph C-11
Time Series Hydrograph - 3860H and 3860J



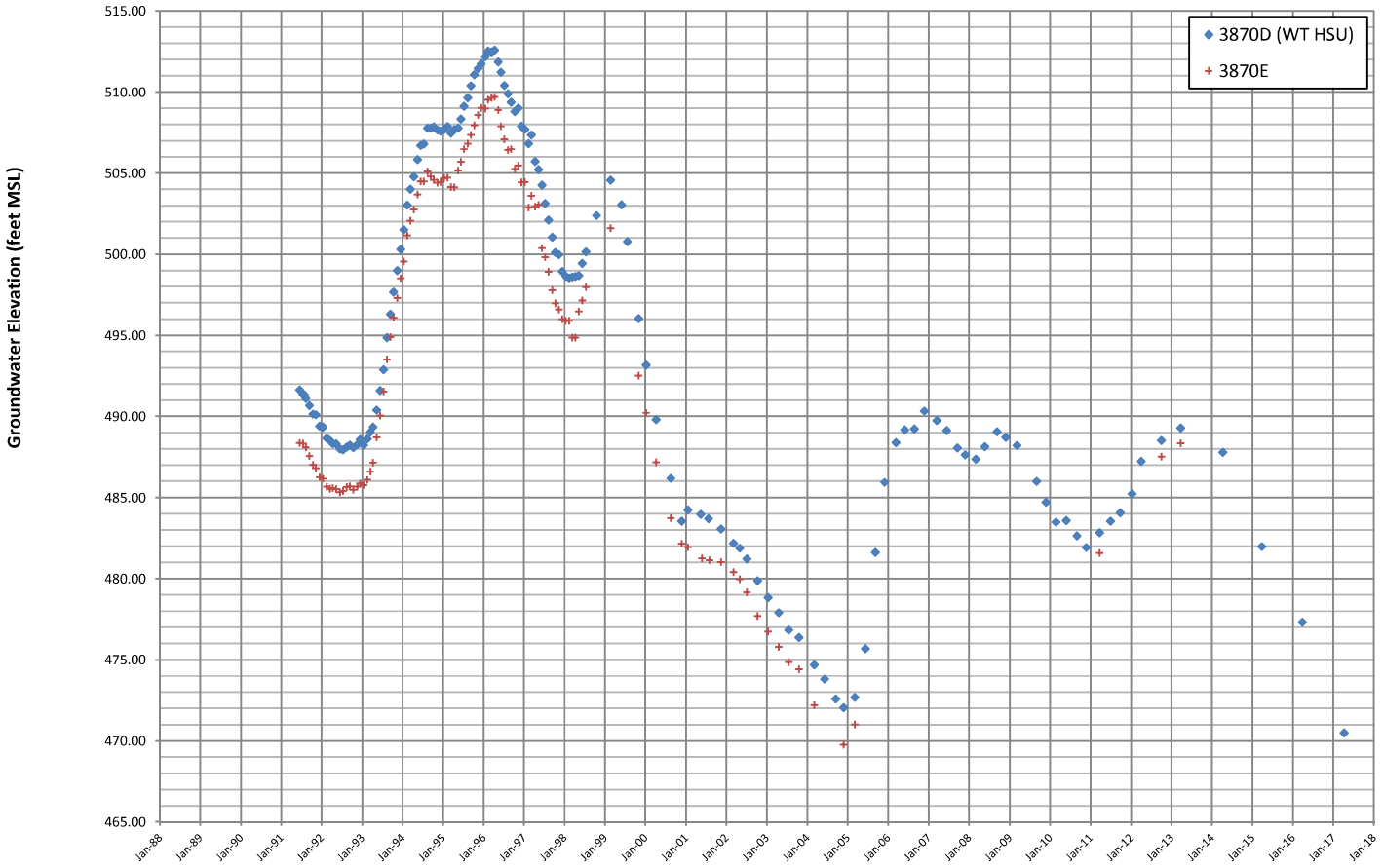
Appendix C
Graph C-12
Time Series Hydrograph - 3861D, 3861E, and 3861F



Appendix C
Graph C-13
Time Series Hydrograph - 3862C, 3862D, and 3862E



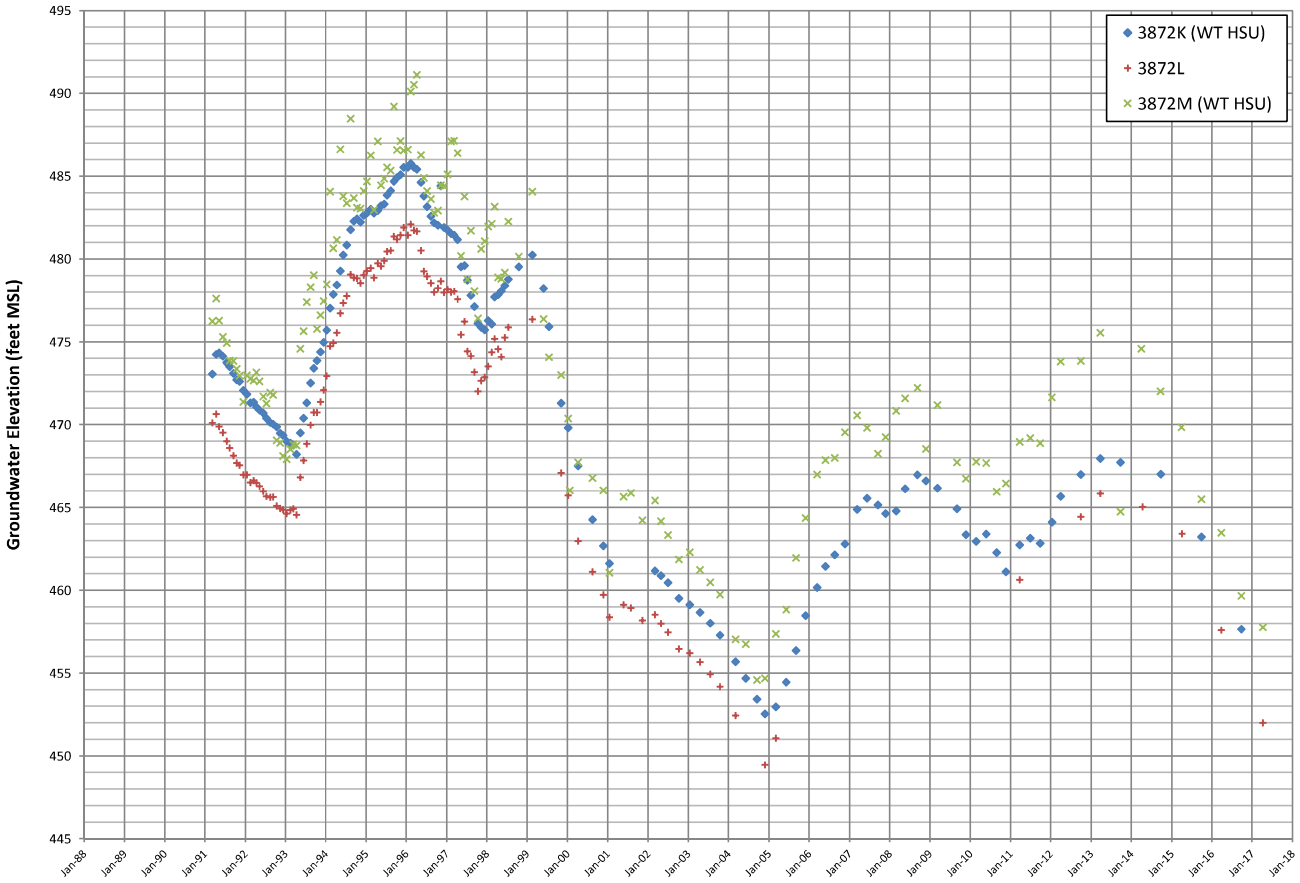
Appendix C
Graph C-14
Time Series Hydrograph - 3870D and 3870C



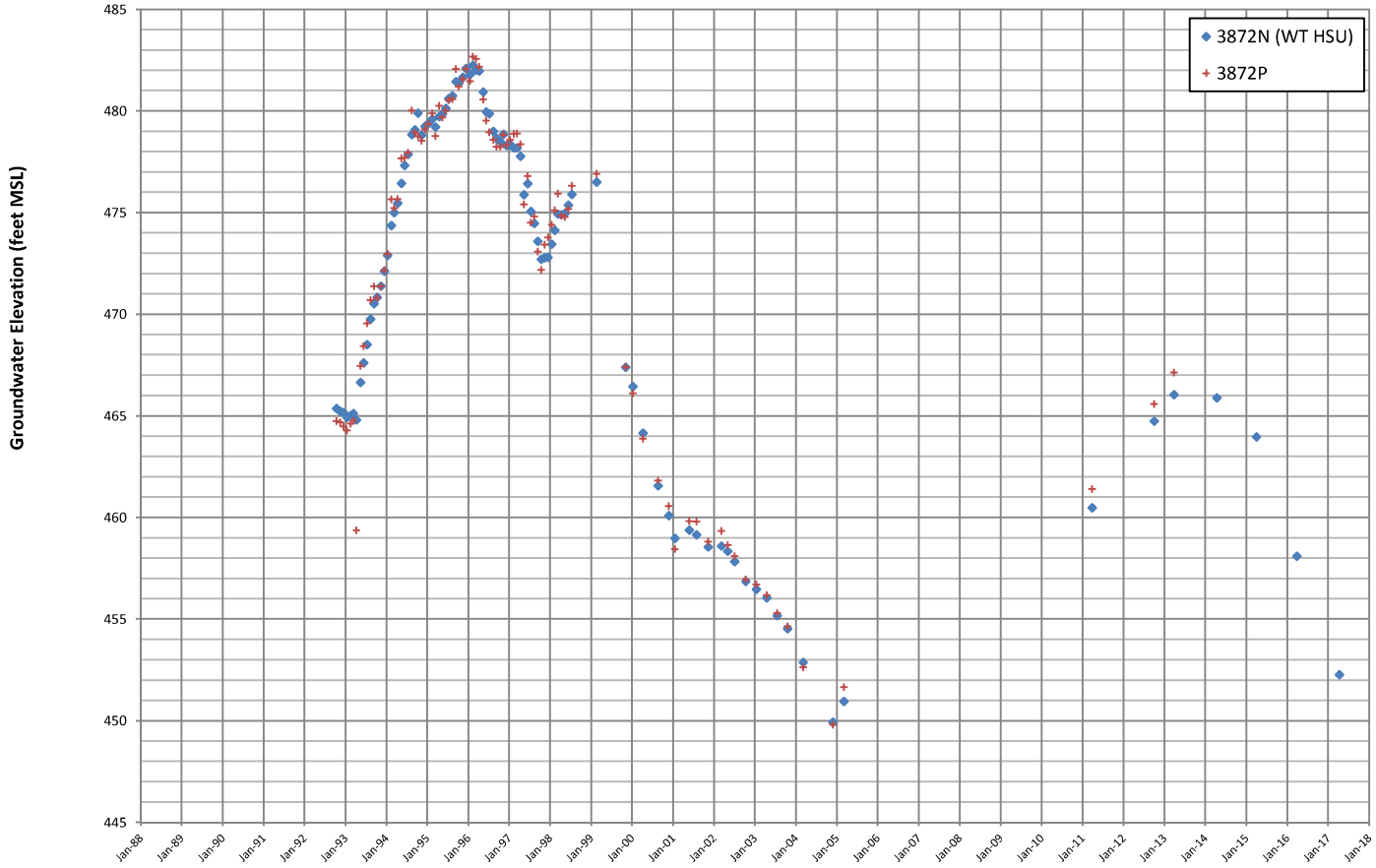
Appendix C
Graph C-15
Time Series Hydrograph - 3871G, 3871H, and 3871J



Appendix C
Graph C-16
Time Series Hydrograph - 3872K, 3872L, and 3872M



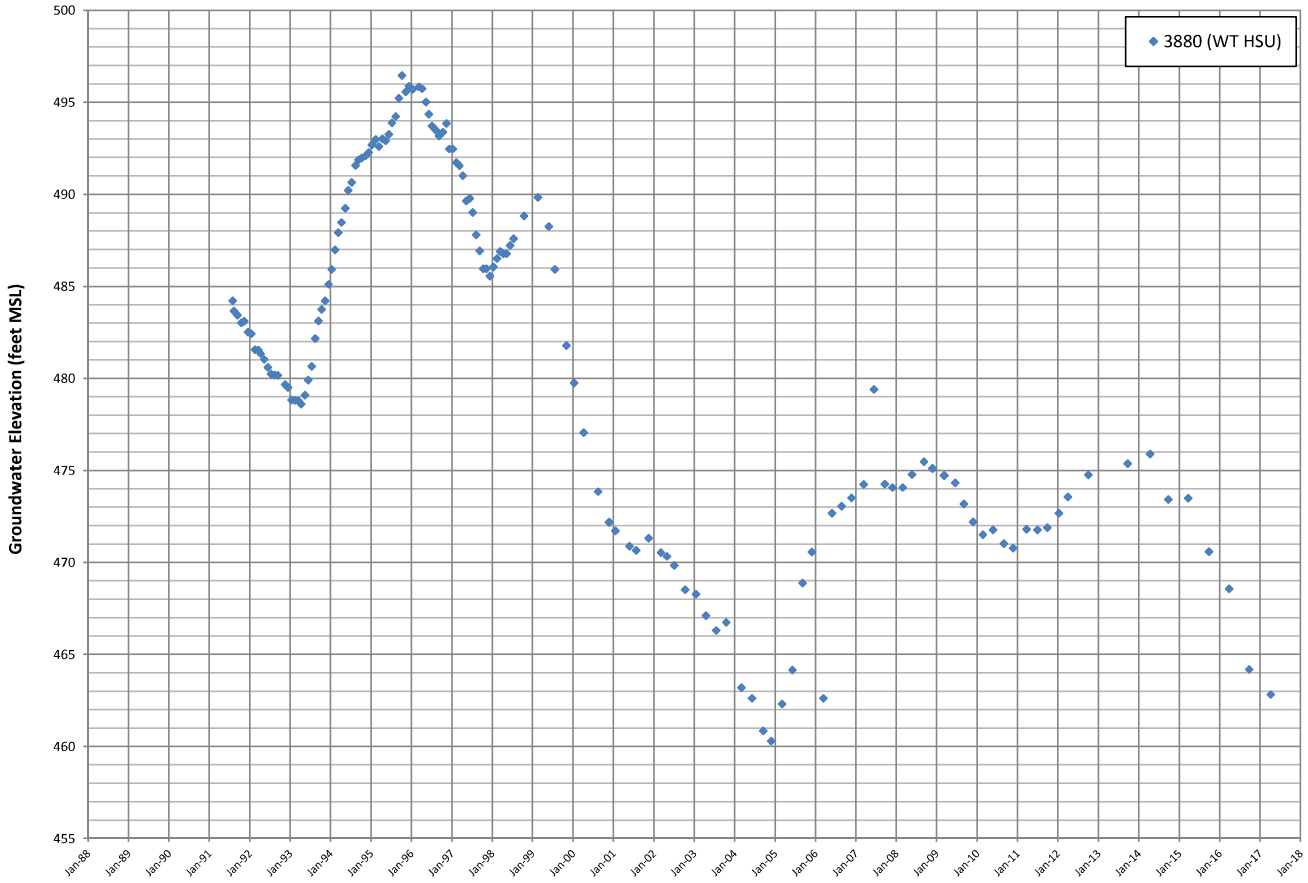
Appendix C
Graph C-17
Time Series Hydrograph - 3872N and 3872P



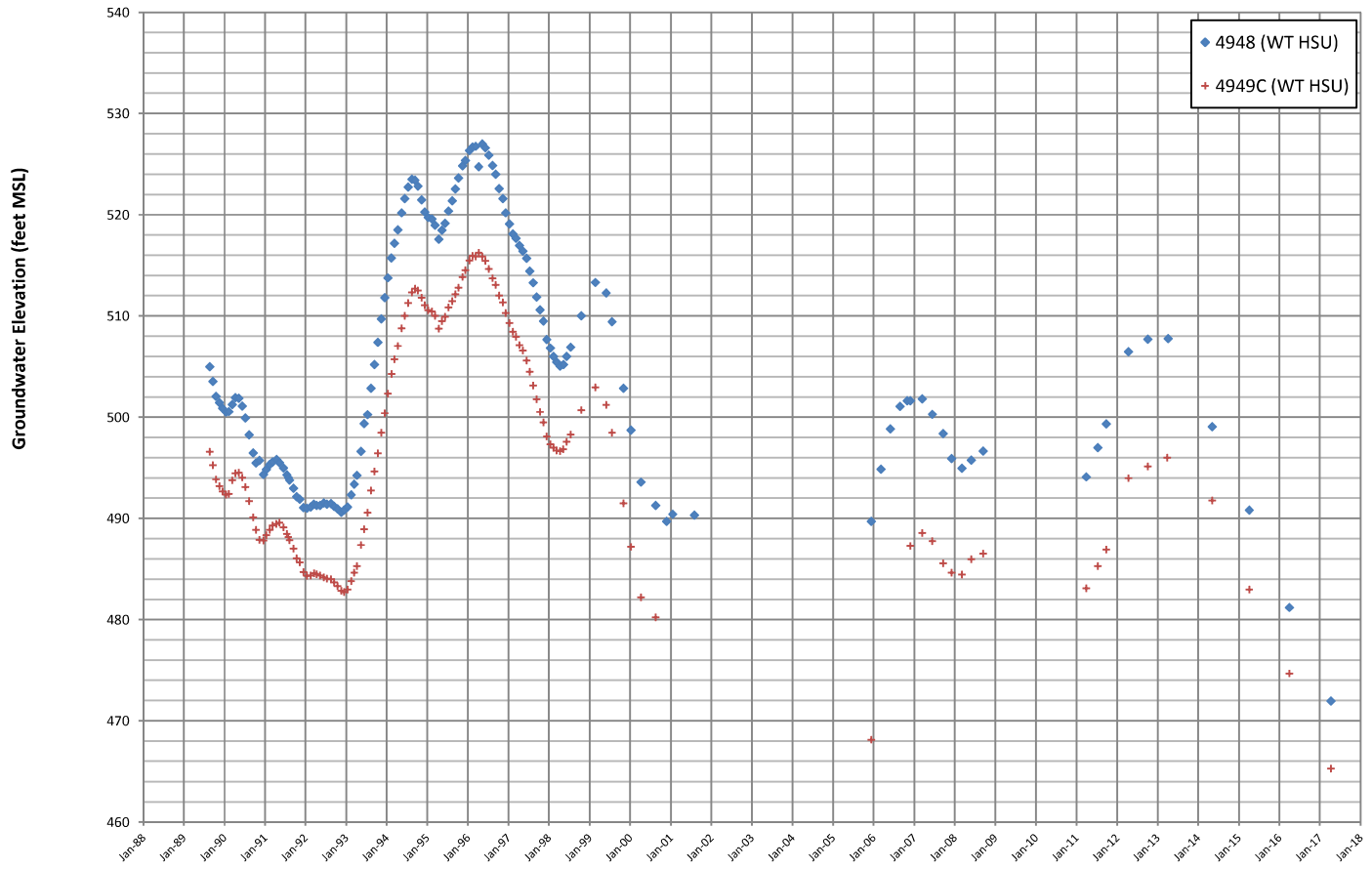
Appendix C
Graph C-18
Time Series Hydrograph - 3872Q, 3872R, and 3872S



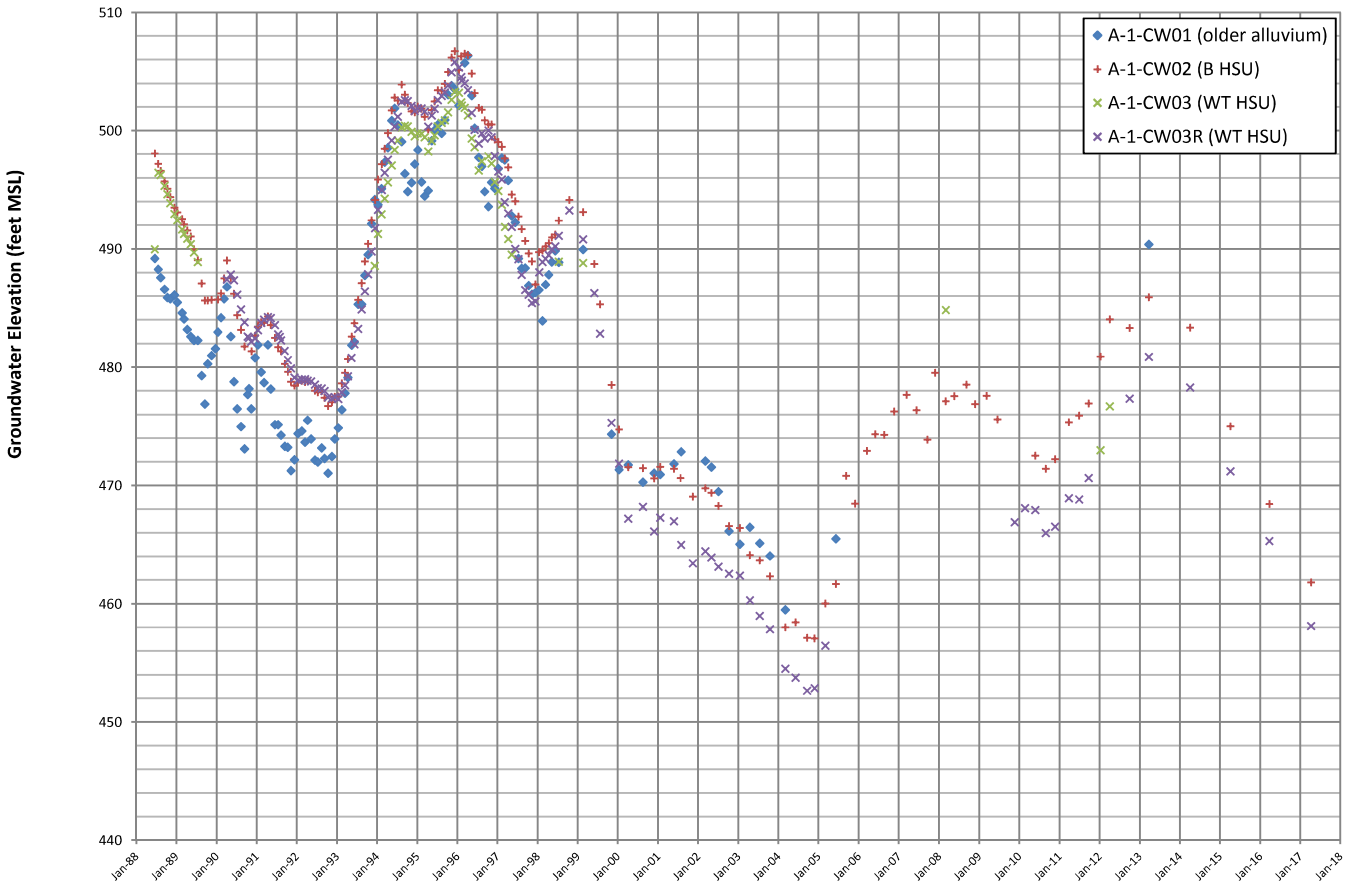
Appendix C
Graph C-19
Time Series Hydrograph - 3880



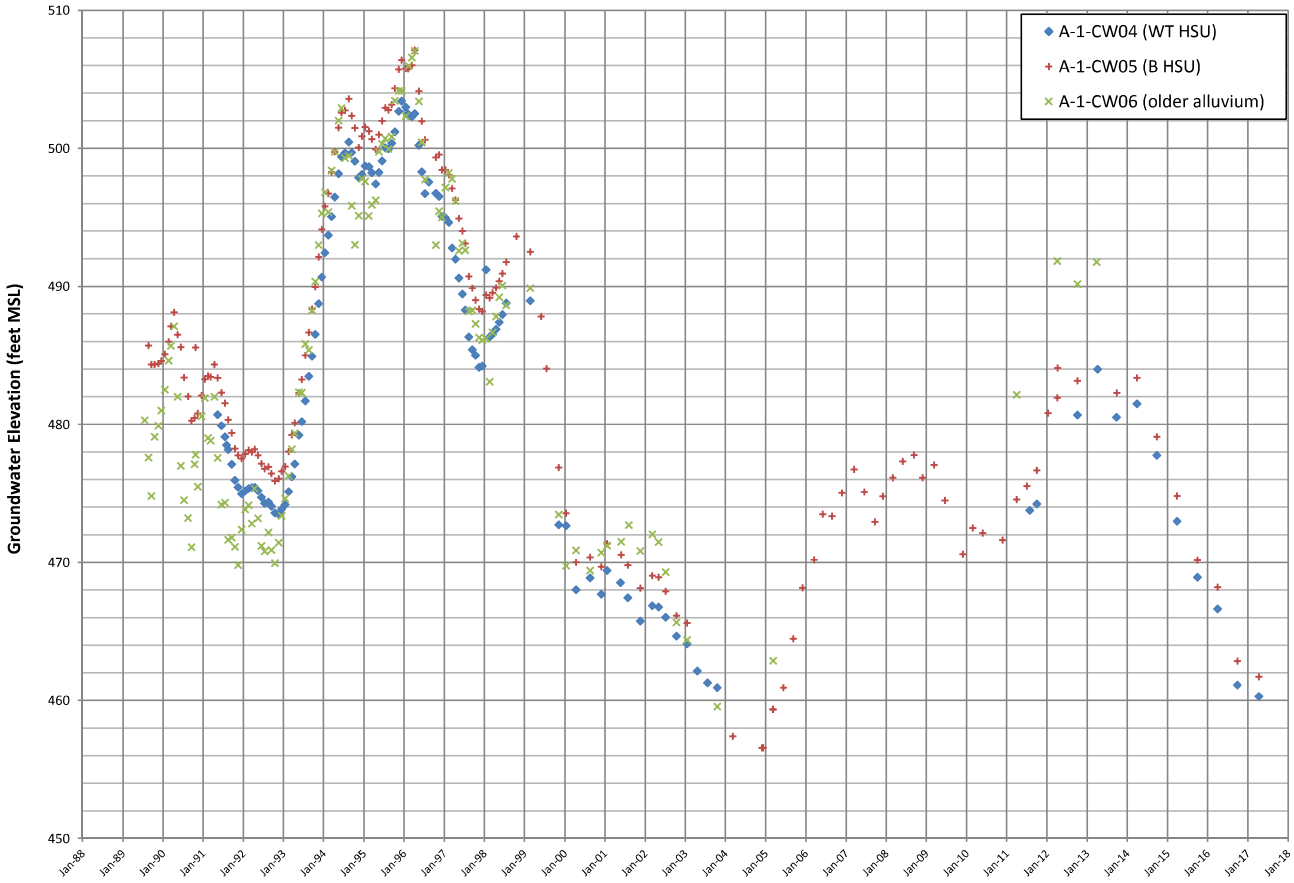
Appendix C
Graph C-20
Time Series Hydrograph - 4948 and 4949C



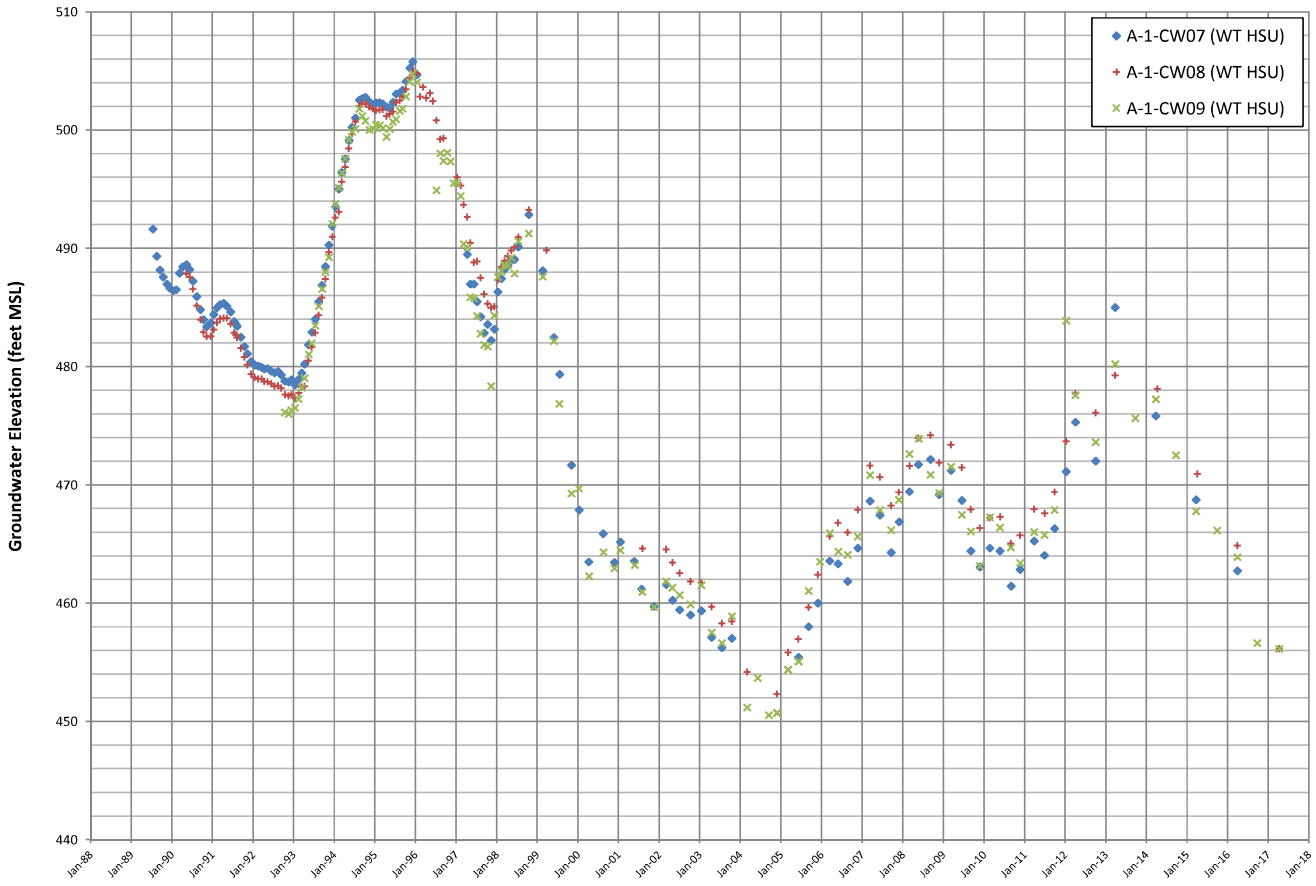
Appendix C
Graph C-21
Time Series Hydrograph - A-1-CW01, A-1-CW02, A-1-CW03, and A-1-CW03R



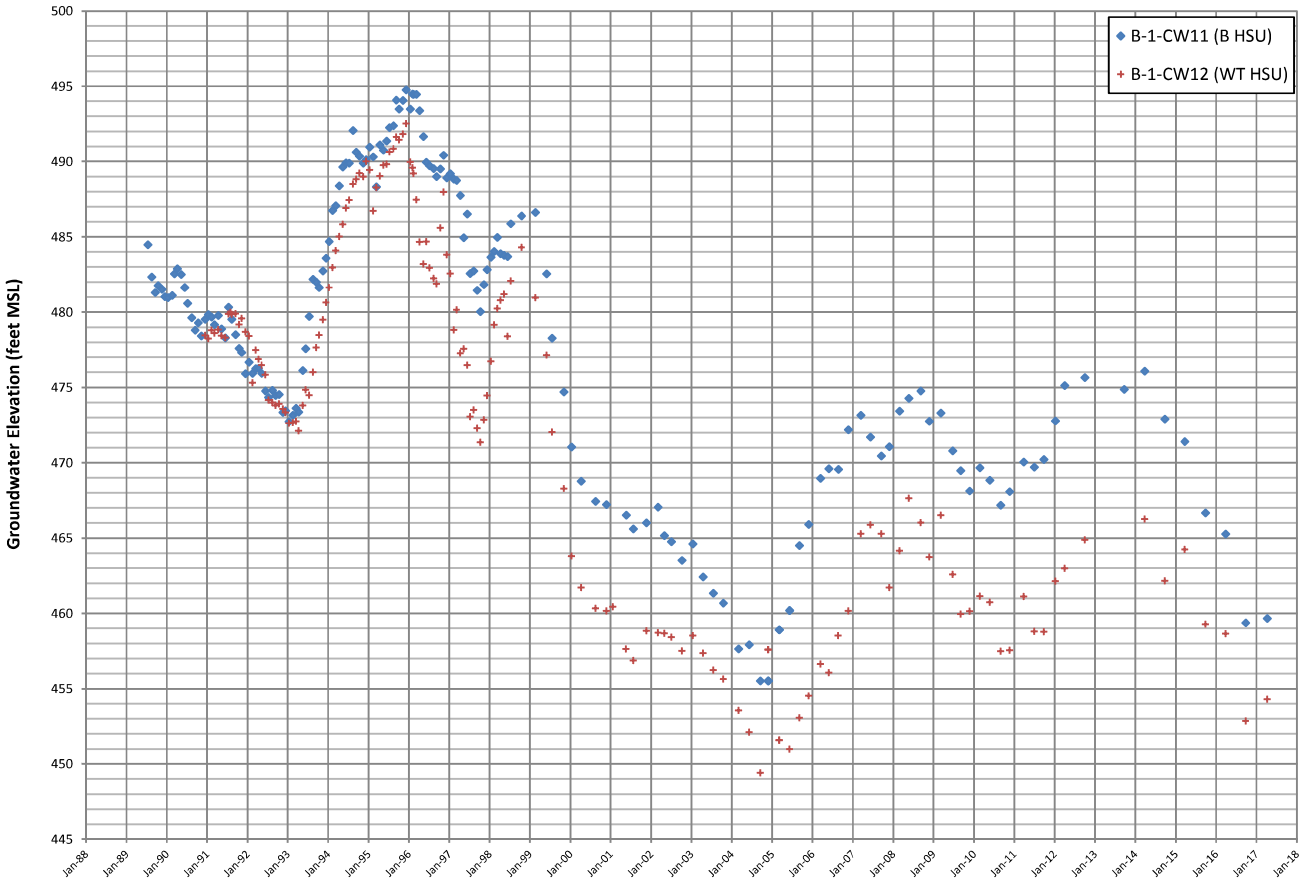
Appendix C
Graph C-22
Time Series Hydrograph - A-1-CW04, A-1-CW05, and A-1-CW06



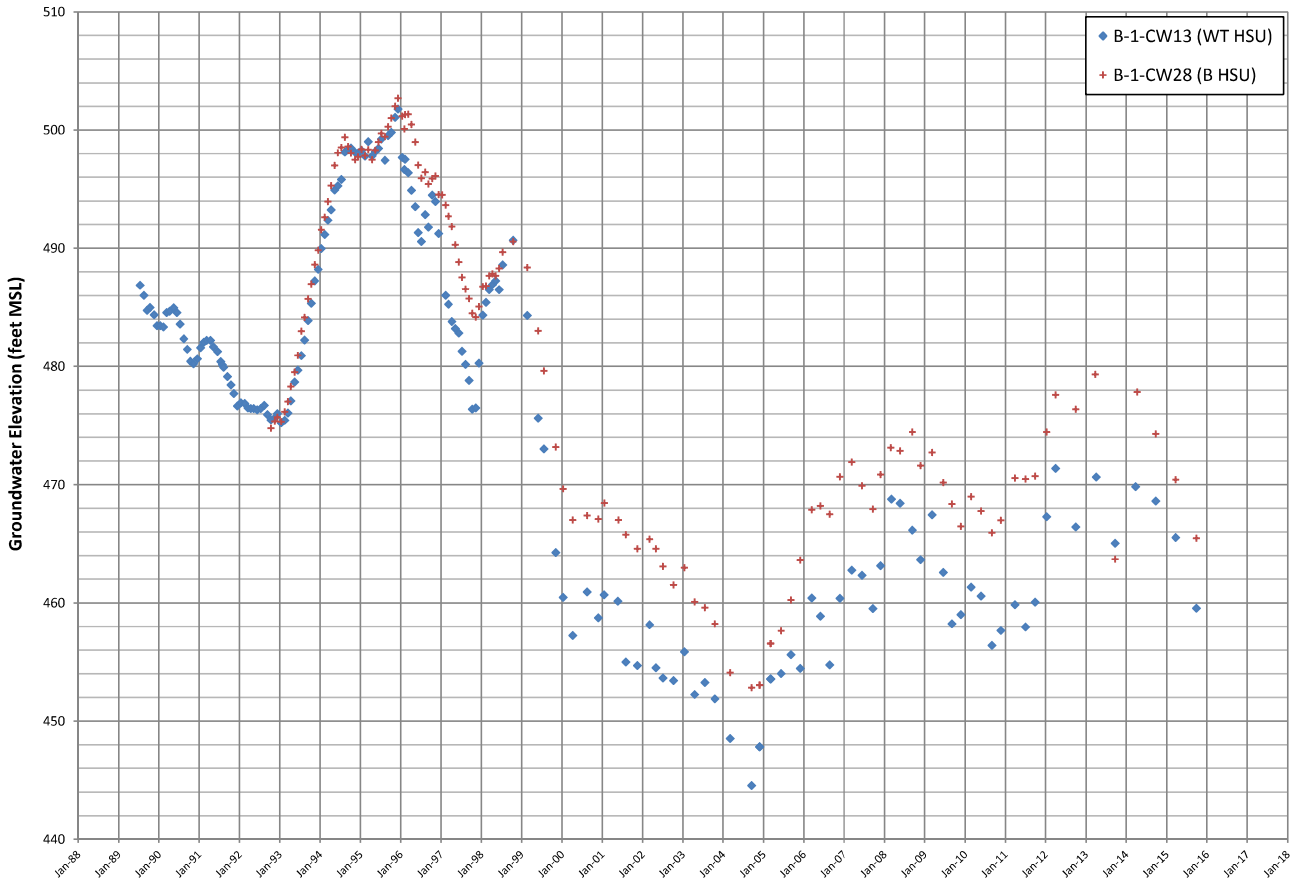
Appendix C
Graph C-23
Time Series Hydrograph - A-1-CW07, A-1-CW08, and A-1-CW09



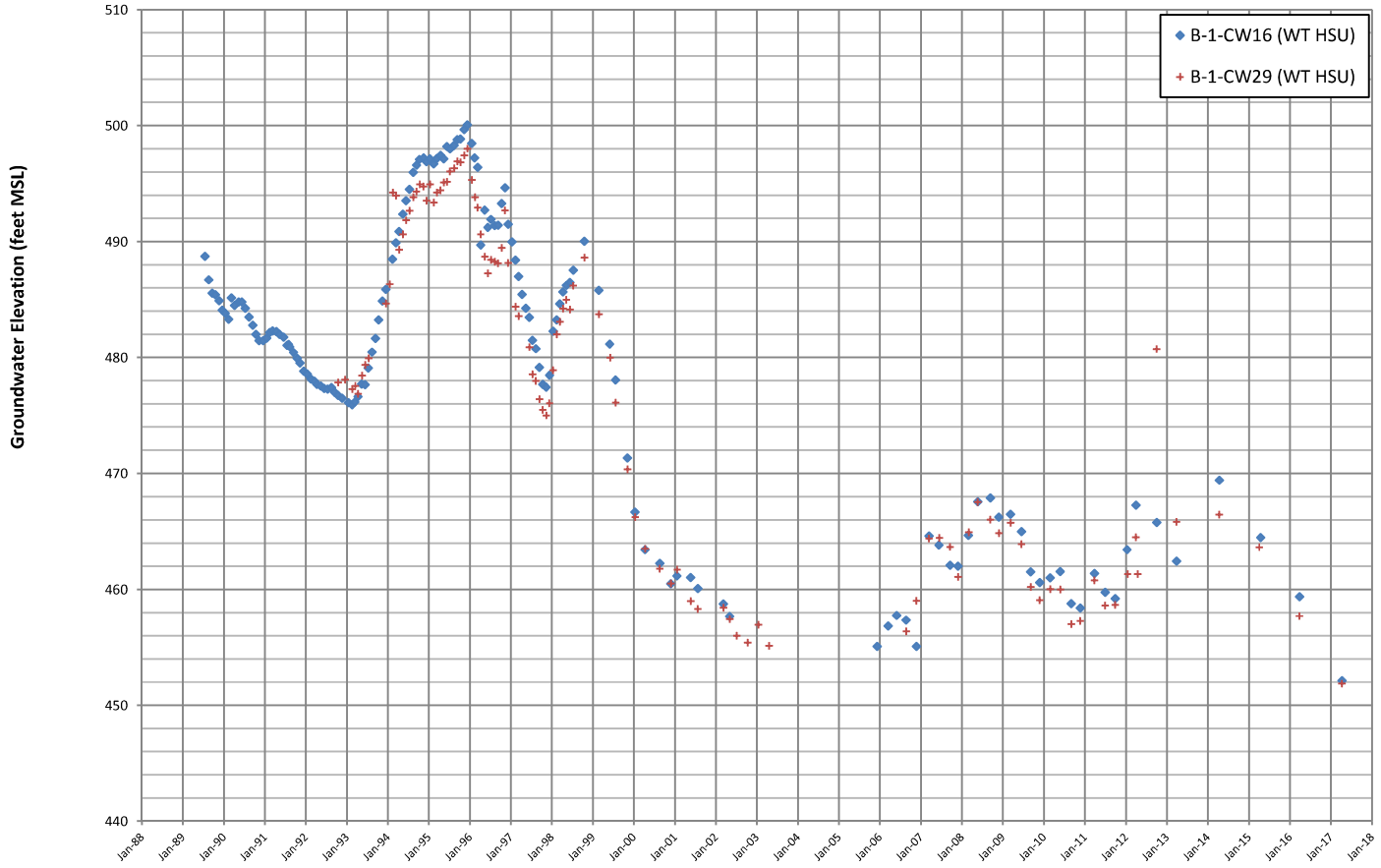
Appendix C
Graph C-24
Time Series Hydrograph - B-1-CW11 and B-1-CW12



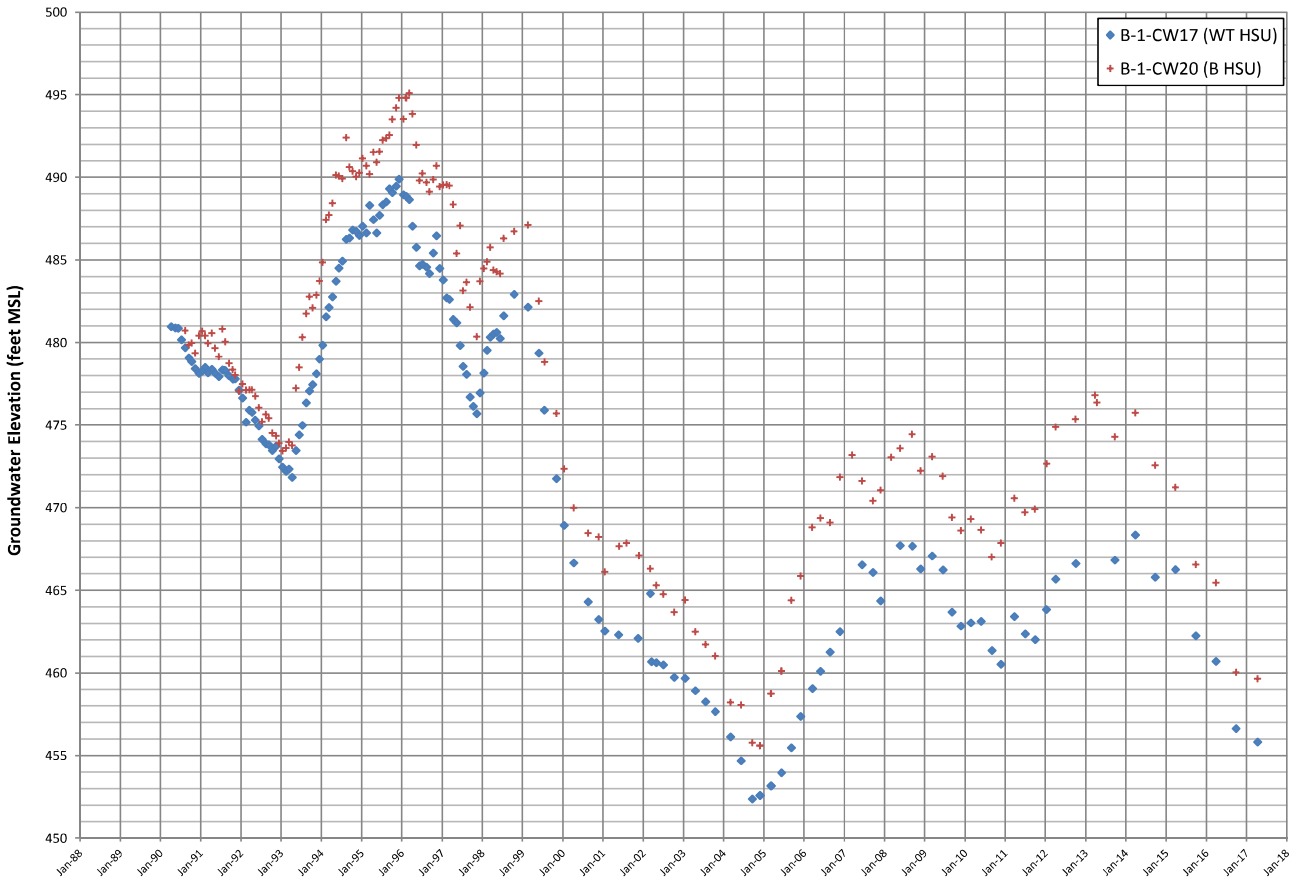
Appendix C
Graph C-25
Time Series Hydrograph - B-1-CW13 and B-1-CW28



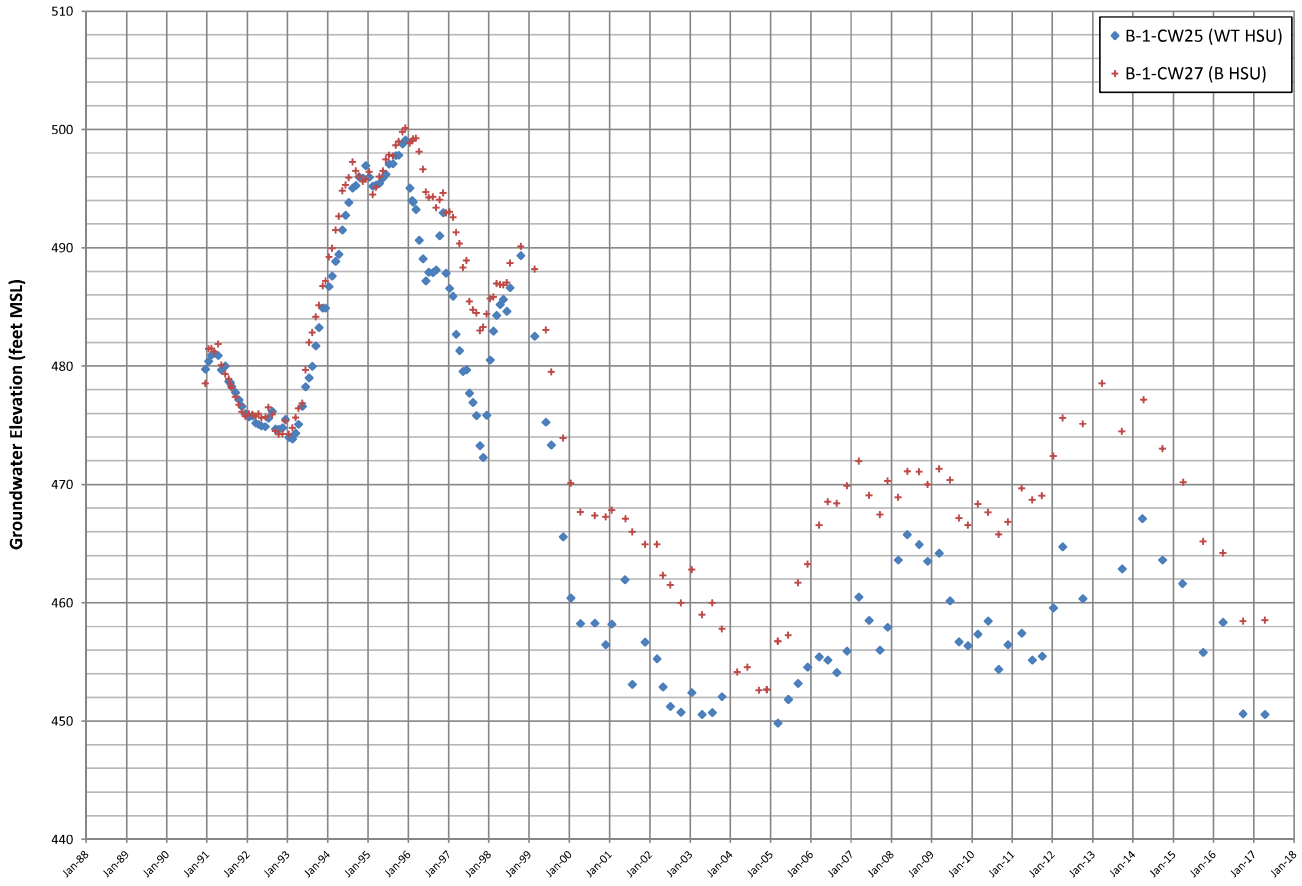
Appendix C
Graph C-26
Time Series Hydrograph - B-1-CW16 and B-1-CW29



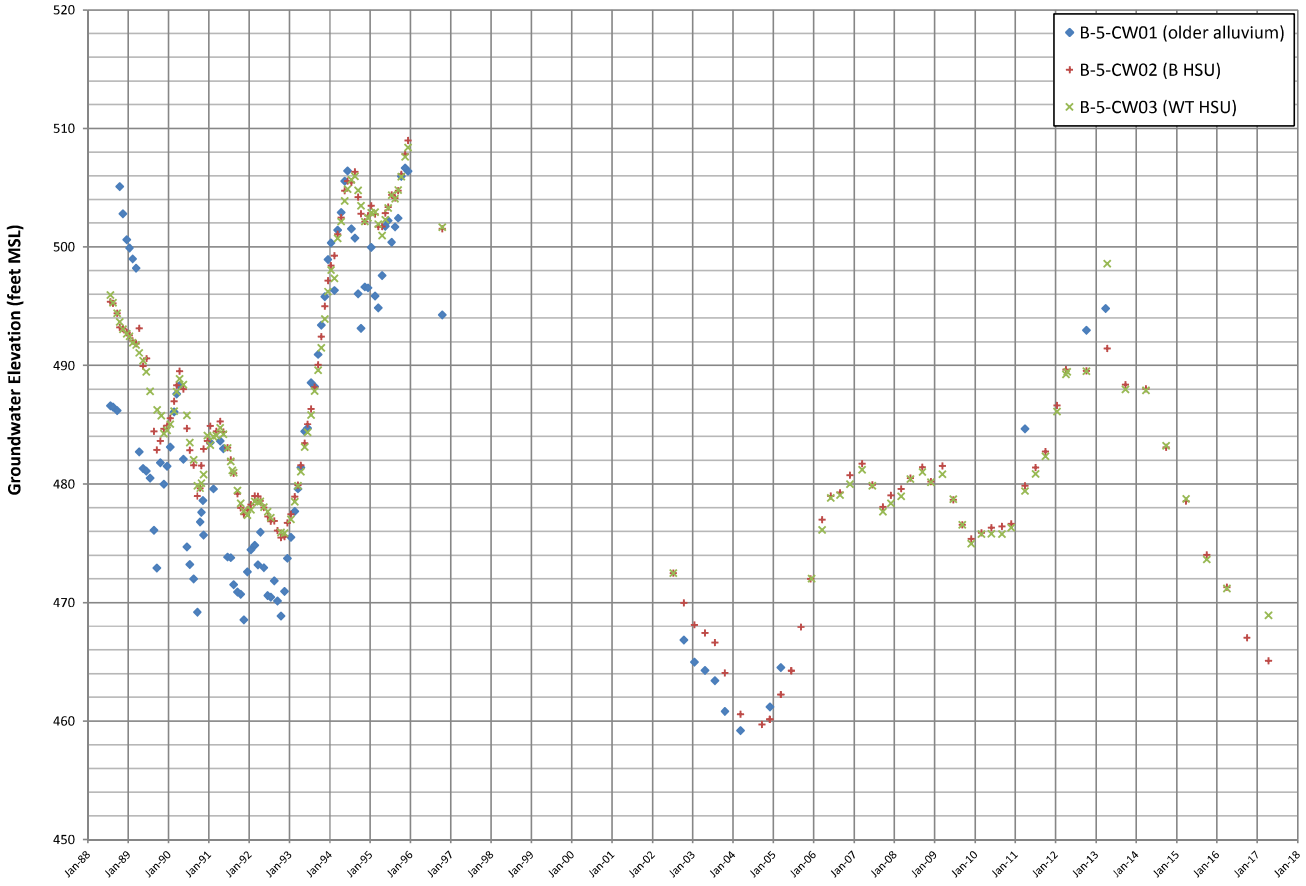
Appendix C
Graph C-27
Time Series Hydrograph - B-1-CW17 and B-1-CW20



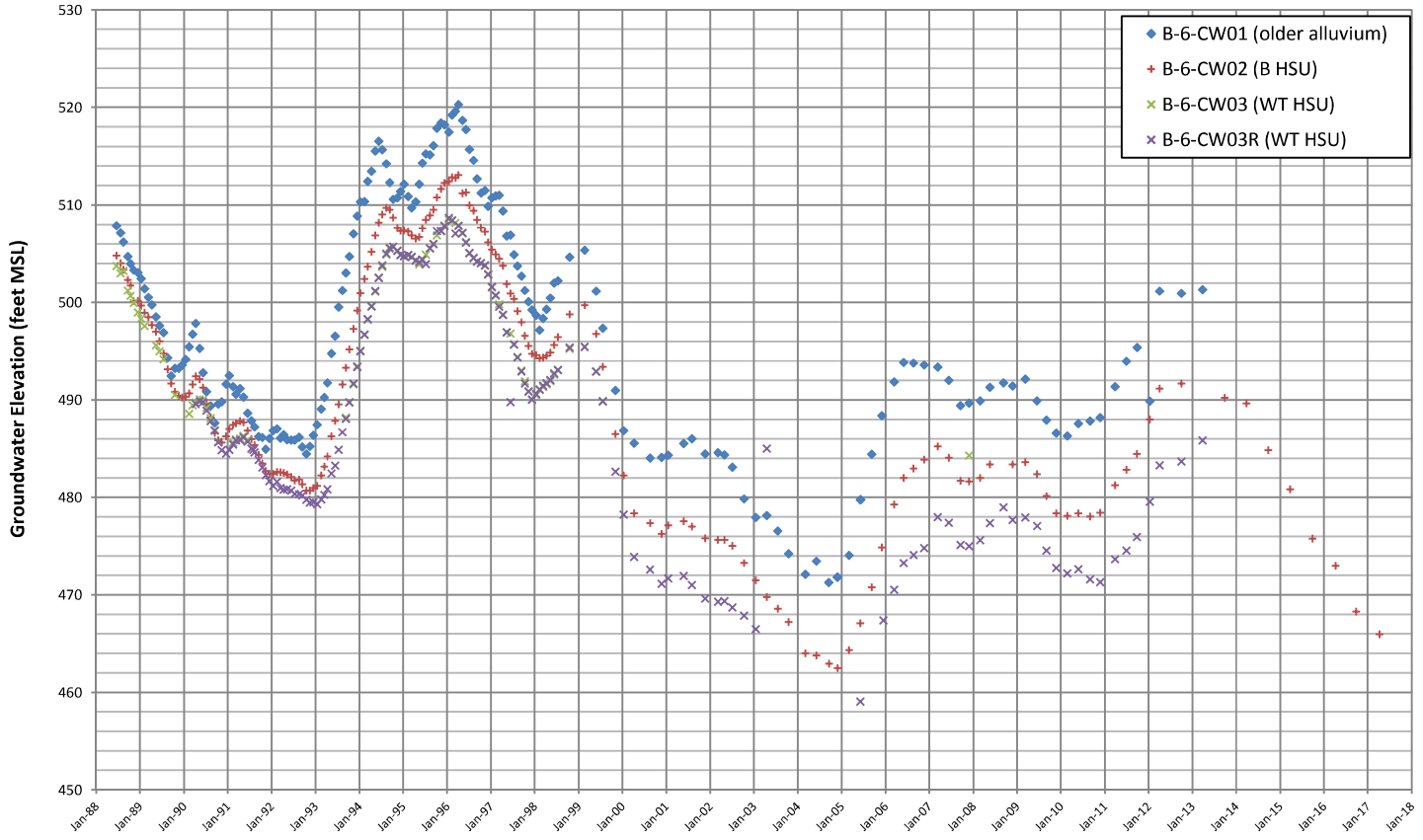
Appendix C
Graph C-28
Time Series Hydrograph - B-1-CW25 and B-1-CW27



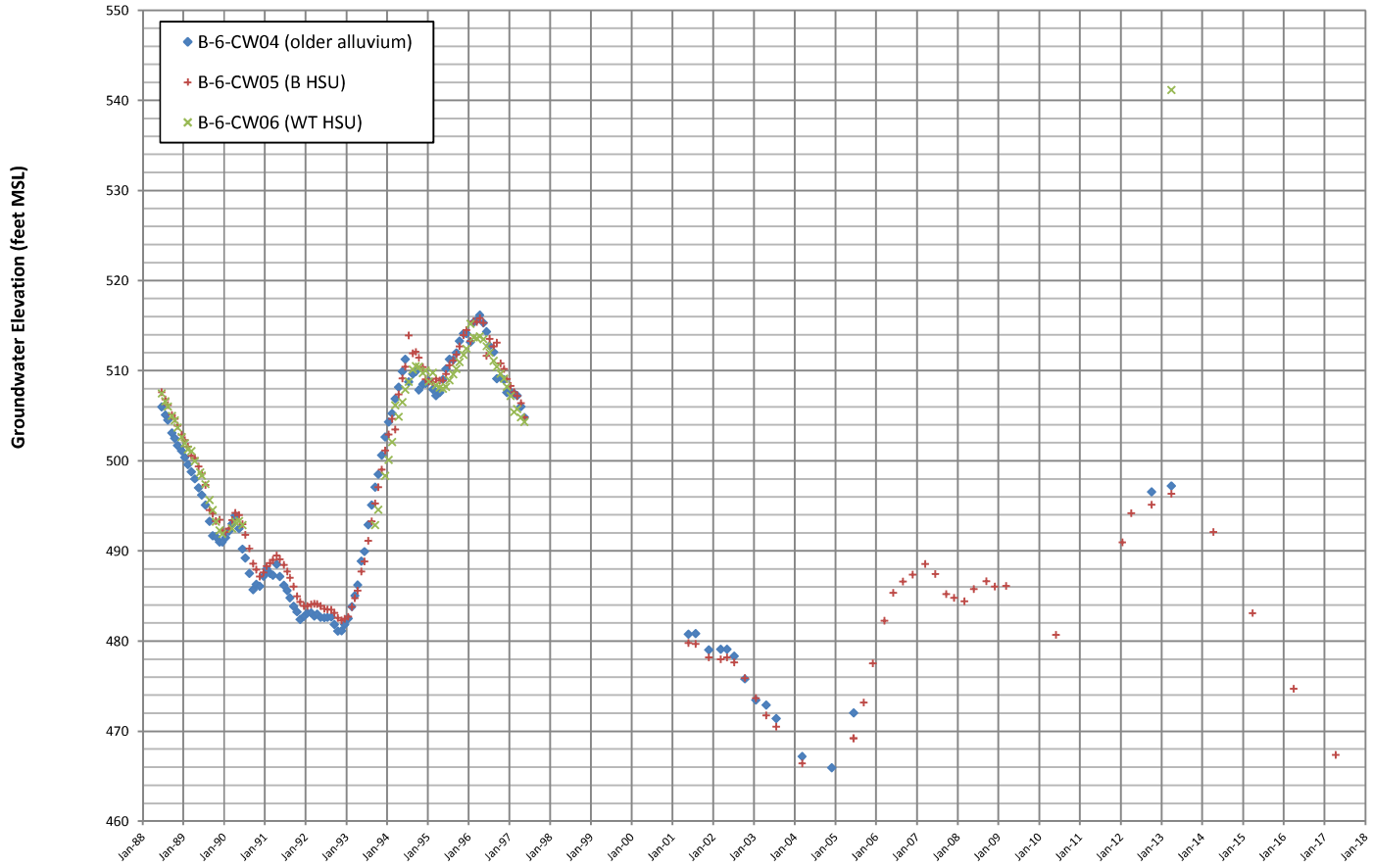
Appendix C
Graph C-29
Time Series Hydrograph - B-5-CW01, B-5-CW02, and B-5-CW03



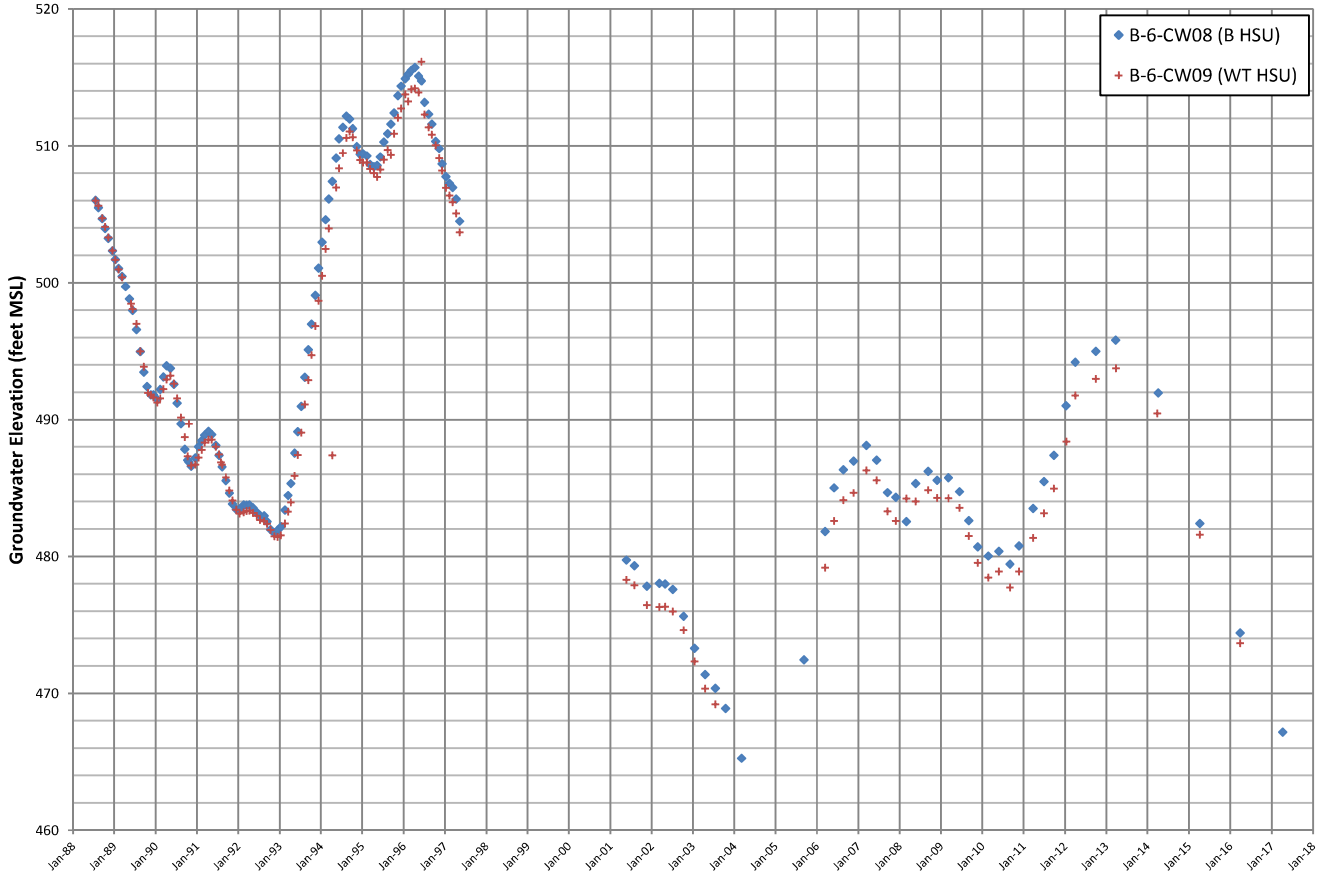
Appendix C
Graph C-30
Time Series Hydrograph - B-6-CW01, B-6-CW02, B-6-CW03, and B-6-CW03R



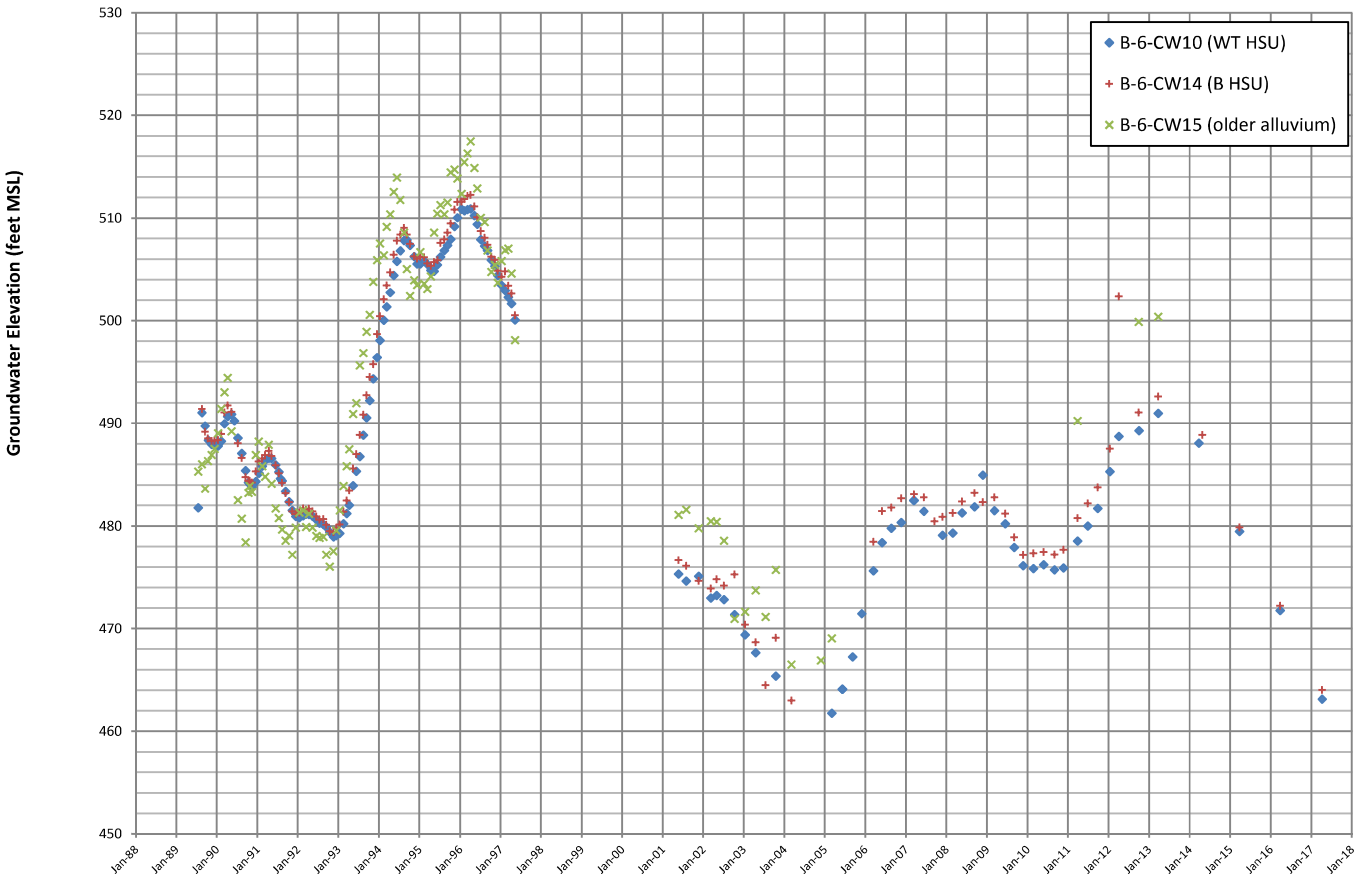
Appendix C
Graph C-31
Time Series Hydrograph - B-6-CW04, B-6-CW05, and B-6-CW06



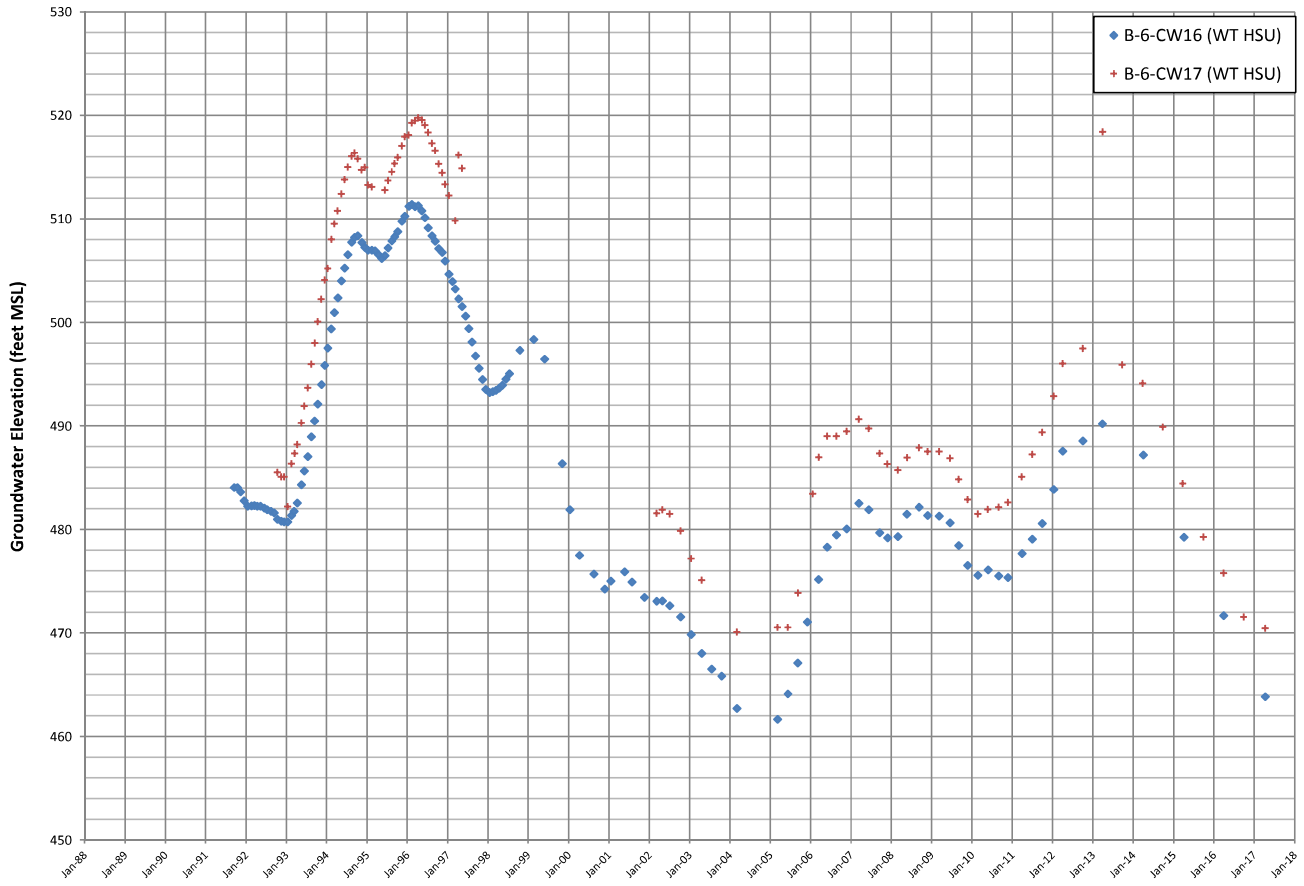
Appendix C
Graph C-32
Time Series Hydrograph - B-6-CW08 and B-6-CW09



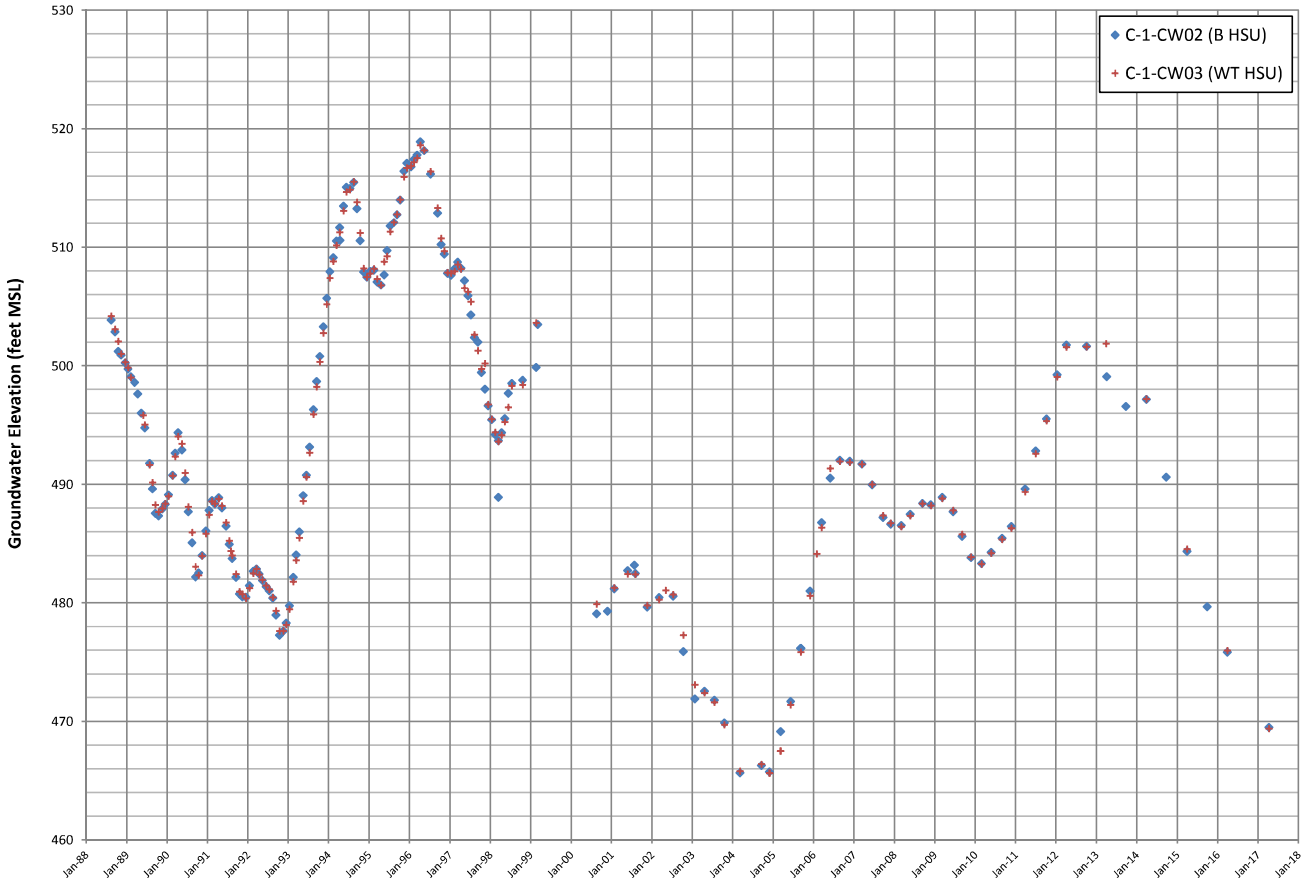
Appendix C
Graph C-33
Time Series Hydrograph - B-6-CW10, B-6-CW14, and B-6-CW15



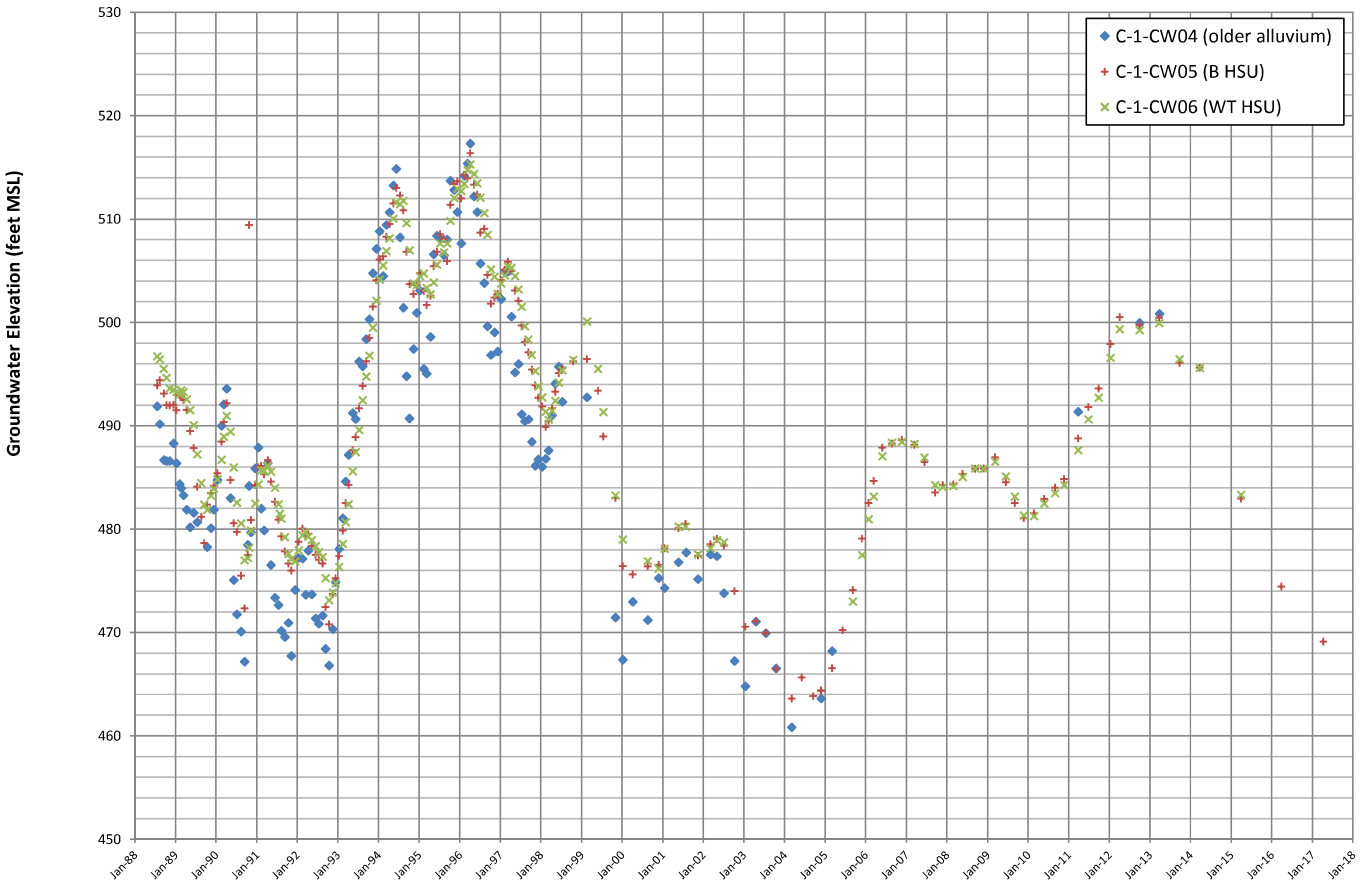
Appendix C
Graph C-34
Time Series Hydrograph - B-6-CW16 and B-6-CW17



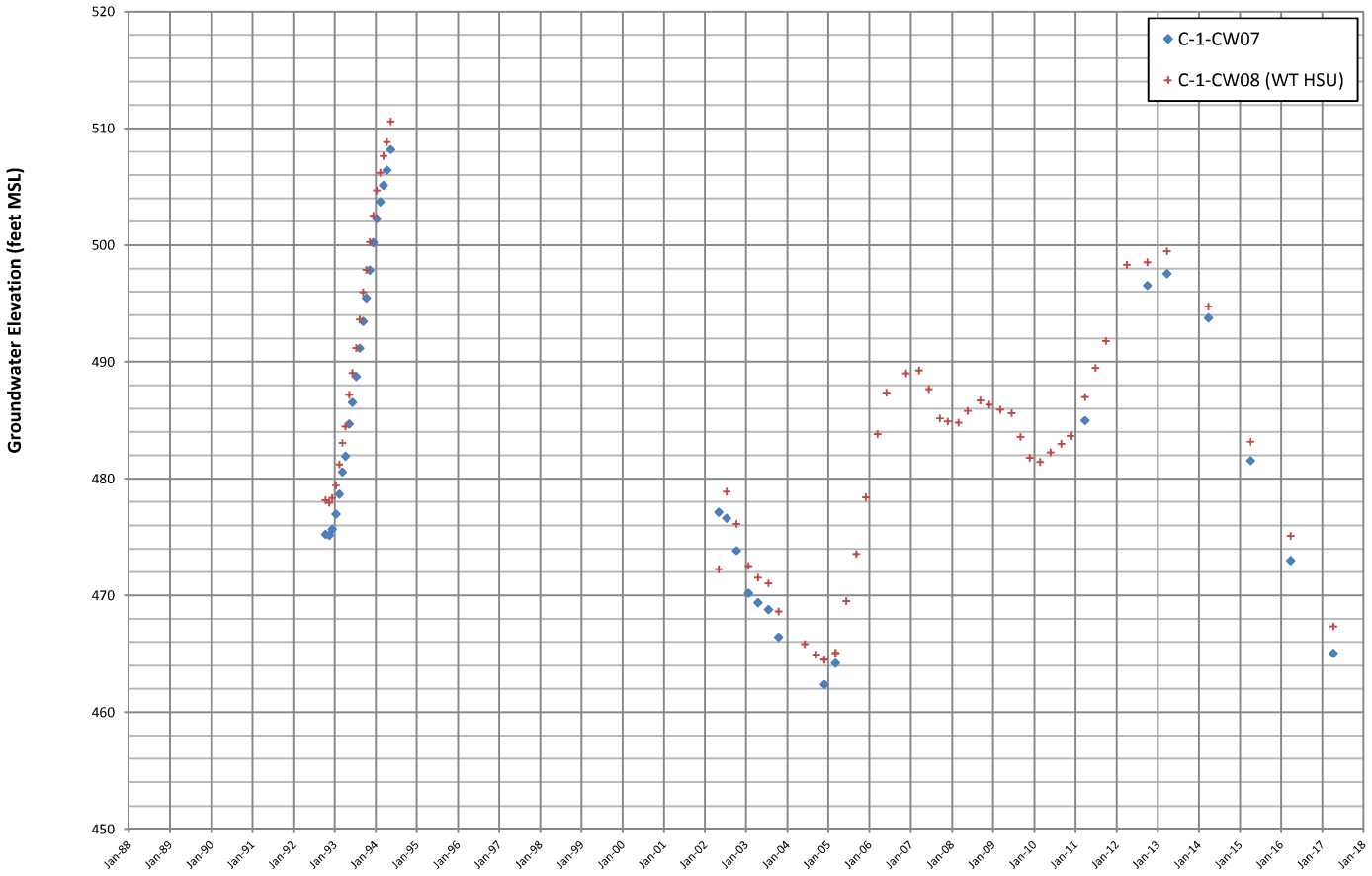
Appendix C
Graph C-35
Time Series Hydrograph - C-1-CW02 and C-1-CW03



Appendix C
Graph C-36
Time Series Hydrograph - C-1-CW04, C-1-CW05, and C-1-CW06



Appendix C
Graph C-37
Time Series Hydrograph - C-1-CW07 and C-1-CW08



Appendix D
Data Validation Summary

Annual Groundwater Monitoring Report, Second Quarter 2017

Lockheed Martin Corporation

Burbank Operable Unit, Burbank, CA

TETRA TECH, INC.
DATA VALIDATION SUMMARY REPORT

TO: **Thomas Villeneuve, Project Manager; Robert Sabater, Deputy Project Manager**

FROM: **Michael Wilson, Senior Chemist**

DATE: **May 31, 2017**

SUBJECT: **One Hundred Percent Data Validation Review for the Burbank Operational Unit (BOU) Groundwater Sample Analyses Data Results from Eurofins Calscience Laboratory in Garden Grove, CA**

Introduction

This report summarizes the findings from data validation efforts conducted on one hundred percent of the sample data results for Lockheed Martin Corporation's (LMC) BOU soil project. The validation guidance used in evaluating the data is presented in the current versions of *USEPA National Functional Guidelines for Inorganic Data Review* and *USEPA National Functional Guidelines for Organic Data Review.* The data were audited at a Level II effort. The Level II effort requires review of all applicable Quality Control (QC) sample results as it relates to the field data under review. Level II effort also determines the usability of the data based on the Data Quality Objectives (DQOs) for the project.

Executive Summary

The Eurofins Calscience data for the project were contained in one Sample Delivery Groups (SDGs) designated as 17-01-0944.

The total data set consisted of 5460 individual (per analyte) results from environmental samples analyses. The number of samples per analytical method (or method group) is given below.

1. Sixty five samples for Hexavalent Chromium by Method E218.6
2. Sixty five samples for Total Chromium by Method SW6020
3. Sixty five samples for VOCs by Method SW8260B
4. Sixty five samples for 12,3-Trichloropropane by Method SW8270C M Isotope Dilution
5. Sixty five samples for 1,4-Dioxane by Method SW8270M

The samples were logged into the lab under compliant Chain of Custody documentation with no exceptions noted. The samples were analyzed in one or two preparation batch per analytical method per SDG. All QC samples were reviewed and if the QC result caused the data to be qualified the reason for the qualification was identified.

The data showed the laboratory analyzed all samples in accordance with method guidelines. The instances where qualification was required are listed below and explained under individual method sections. All other data is of known precision and accuracy and did not require any qualification and can be used as stated.

All data for this BOU sampling event were usable for their intended purpose.

Evaluation Criteria

The data were evaluated by results from the following Quality Control (QC) entities.

- Method/Field Blanks
- Laboratory Control Samples
- Holding Times
- Surrogate Recovery (Organic Methods)
- Spiked and Field Duplicate Compliance
- Calibration Compliance
- Compound Identification
- Analytical Method Compliance

Chain-of-Custody (COC) forms were reviewed and no unresolved discrepancies were noted.

Evaluation of Accuracy, Precision, Representativeness, Comparability, and Completeness

1. Accuracy is established by reviewing spiked sample analysis. A blank spike (LCS) measures the accuracy of the instrument and the LCS results for this data set were all found to be within control limits. Therefore, accuracy for the BOU project meets the Data Quality Objectives (DQO).

2. Precision is established by calculating the RPD values for MS/MSD pairs and field duplicates. The RPD values calculated for the BOU project show that >95% of the RPD calculated were within control limits. Therefore, the precision for the BOU projects meets the DQO.

3. Representativeness is established by using standard field sampling techniques. Because the field sampling was conducted under approved work plans and by following an established SOP, the sampling is judge to have adequate representativeness. The DQO was met.

4. Comparability of the data is preserved if the analytical analyses are conducted under approved and vetted EPA analytical methods. Because the EPA methods are constructed with comparability built into the methods. By using approved analytical methods for the BOU project, the BOU data is comparable. The DQO was met.

5. Completeness is measured by determine the amount of valid data produced by the laboratory as compared to the total possible data from the chain. This data set had no rejected data and all samples were analyzed as per the chains. Therefore, the data completeness is 100% which is above the 90% criterion. The DQO was met.

Validation Qualifiers and Comment Descriptors Definitions

<u>Qualifier Definitions</u>

The upper case letters are used to denote NFG allowed qualifiers.

J- Estimated. The associated numerical value is an estimated quantity with a negative bias. The analyte was detected but the reported value may not be accurate or precise. The data are usable as estimated values.

J+ Estimated. The associated numerical value is an estimated quantity with a positive bias. The analyte was detected but the reported value may not be accurate or precise. The data are usable as estimated values.

J Estimated. The associated numerical value is an estimated quantity. It is not possible to assess the direction of the potential bias. The analyte was detected but the reported value may not be accurate or precise. The "J" qualification indicates the data fell outside the QC limits, but the exceedance was not sufficient to cause rejection of the data. The data the data are usable as estimated values.

R Rejected. The data is unusable (the compound or analyte may or may not be present). Use of the "R" qualifier indicates a significant variance from functional guideline acceptance criteria. Either resampling or reanalysis is necessary to determine the presence or absence of the rejected analyte.

U Not detected. Analyses were performed for the compound or analyte, but it was not detected. The "U" designation is also applied to suspected blank contamination. The "U" flag is used to qualify any result that is detected in an environmental sample and associated blank at less than the PQL. For example, when any blank has a detection of the analyte that is below the PQL, and any associated field samples to that blank that also has detections of analytes below the PQL, then the samples are qualified as not detected at the PQL level. However, the data result is not censored by using the default PQL level and instead have the blank level reported in the sample qualified as not detected.

UJ Estimated/Not detected. Analyses were performed for the compound or analyte, but it was not detected and the sample quantitation or detection limit is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate, or other spike recovery.

Qualifier Descriptor Comments

a: The analyte was found in the method blank.

b: The surrogate spike recovery was outside control limits.

c: The Matrix Spike and/or Matrix Spike Duplicate recoveries were outside control limits.

d: The Laboratory Control Sample (LCS) recovery was outside control limits.

e: A holding time violation occurred.

f: The duplicate samples Relative Percent Difference (RPD) was outside the control limit.

g: The datum met prescribed method criteria.

h: The method requires a confirmation result, but none was performed.

k: The analyte was found in a field blank.

l: The second column confirmation result indicates the analyte was not confirmed.

p: The result was qualified based on professional judgment.

q: The analyte detection was below the Practical Quantitation Limit (PQL).

r: The result is above the instrument's calibration range.

t: The sample temperature was outside acceptance criteria.

n: The laboratory case narrative indicated a QC problem.

1.0 Hexavalent Chromium by Method E218.6

1.1 Method/Field Blanks

The method blanks and field blanks reported no detections of target analytes above the detection limit. One method blank was extracted for each preparation batch. The method blanks were compliant with the analytical method.

1.2 Laboratory Control Samples

The laboratory control sample (LCS) analysis showed the method required spiked analytes were recovered within control limits. One LCS was extracted for each preparation batch. The LCSs were compliant with the analytical method.

1.3 Holding Times

All extraction and analysis holding times were in compliance.

1.4 Surrogate Recovery

Surrogates do not apply to method E218.6

1.5 Spiked and Field Duplicate Compliance

The matrix spike/matrix spike duplicate analyses and field duplicates were performed and found to be in compliance with the control limits.

1.6 Calibration Compliance

The calibration of the analytical instrument met criteria.

1.7 Compound Identification

All reported compound detections were identified by the correct retention time.

1.8 Analytical Method Compliance

The Level II data review showed the data to be method compliant.

1.9 Conclusions

Based on the results of this Level II Data Validation effort, it is concluded that the data for method E218.6 are usable as reported. The target analyte identifications are considered correct and reliable. The DQOs were satisfied as per the Work Plan and the data is usable for its intended purpose. The DQOs were satisfied as per the Work Plan and the data is usable for its intended purpose.

2.0 Total Chromium by Method SW6020

2.1 Method/Field Blanks

The method and field blanks showed no Chromium detections.

2.2 Laboratory Control Samples

The laboratory control sample (LCS) analysis showed the method required spiked analytes were recovered within control limits. One LCS was extracted for each preparation batch. The LCSs were compliant with the analytical method.

2.3 Holding Times

All extraction and analysis holding times were met.

2.4 Surrogate Recovery

This method does not use surrogates.

2.5 Spiked and Field Duplicate Compliance

The matrix spike/matrix spike duplicate analyses were performed and found they were in compliance with control limits.

Field duplicate results that exceeded the RPD requirement cause o.18% of the data to be qualified as estimated and assigned a “J” qualifier. The estimated data is usable as estimated values

2.6 Calibration Compliance

The calibration of the analytical instrument met criteria.

2.7 Compound Identification

Compound identification meet method guidelines.

2.8 Analytical Method Compliance

The Level II data review showed the data to be method compliant.

2.9 Conclusions

Based on the results of this Level II Data Validation effort, it is concluded that the data for method SW6010B are usable as reported and qualified. The target analyte identifications are considered correct and reliable The DQOs were satisfied as per the Work Plan and the data is usable for its intended purpose.

3.0 Volatile Organic Compounds (VOCs) by Method SW8260B

3.1 Method/Field Blanks

The method blanks reported no detection of a target analyte. One method blank was extracted for each preparation batch.

Field blank contamination caused 0.12% of the data to be qualified as not detected and assigned a "U" qualifier. The data is usable as not detected values.

3.2 Laboratory Control Samples

The laboratory control sample (LCS) analysis showed the method required spiked analytes were recovered within control limits. One LCS was extracted for each preparation batch. The LCSs were compliant with the analytical method.

3.3 Holding Times

All extraction and analysis holding times were met.

3.4 Surrogate Recovery

All surrogates were within limits.

3.5 Spiked and Field Duplicate Compliance

The matrix spike/matrix spike duplicate analyses and field duplicates were performed and found there were in compliance except as listed below.

MS/MSD recovery outside control limits caused 0.025% of the data to be qualified as estimated and assigned a "J" qualifier. The estimated data is usable for the intended purpose.

3.6 Calibration Compliance

The calibration of the analytical instrument met criteria.

3.7 Compound Identification

All compounds were correctly identified.

3.8 Analytical Method Compliance

The Level II data review showed the data to be method compliant.

3.9 Conclusions

Based on the results of this Level II Data Validation effort, it is concluded that the data for method SW8260B are usable as reported and qualified. The target analyte identifications are considered correct and reliable The DQOs were satisfied as per the Work Plan and the data is usable for its intended purpose.

4.0 Low Level 1,2,3-Trichloropropane by Method SW8260B SIM

4.1 Method/Field Blanks

The method blanks and field blanks reported no detection of a target analyte. One method blank was extracted for each preparation batch.

4.2 Laboratory Control Samples

The laboratory control sample (LCS) analysis showed the method required spiked analytes were recovered within control limits. One LCS was extracted for each preparation batch. The LCSs were compliant with the analytical method.

4.3 Holding Times

All extraction and analysis holding times were met.

4.4 Surrogate Recovery

All surrogates were within limits.

4.5 Spiked and Field Duplicate Compliance

The matrix spike/matrix spike duplicate analyses and field duplicates were performed and found they were in compliance with the control limits except as listed below.

MS/MSD recovery outside control limits caused 9.2% of the data to be qualified as estimated and assigned a "J" qualifier. The estimated data is usable for the intended purpose.

4.6 Calibration Compliance

The calibration of the analytical instrument met criteria.

4.7 Compound Identification

All compounds were correctly identified.

4.8 Analytical Method Compliance

The Level II data review showed the data to be method compliant.

4.9 Conclusions

Based on the results of this Level II Data Validation effort, it is concluded that the data for method SW8260B SIM are usable as reported and qualified. The target analyte identifications are considered correct and reliable The DQOs were satisfied as per the Work Plan and the data is usable for its intended purpose.

5.0 Low level 1,4-Dioxane by Method SW8270C ID

5.1 Method/Field Blanks

The method blanks and field blanks reported no detection of a target analyte. One method blank was extracted for each preparation batch.

5.2 Laboratory Control Samples

The laboratory control sample (LCS) analysis showed the method required spiked analytes were recovered within control limits. One LCS was extracted for each preparation batch. The LCSs were compliant with the analytical method.

5.3 Holding Times

All extraction and analysis holding times were met.

5.4 Surrogate Recovery

All surrogates were within limits.

5.5 Spiked and Field Duplicate Compliance

The matrix spike/matrix spike duplicate analyses and field duplicates were performed and found there were no results outside control limits

5.6 Calibration Compliance

The calibration of the analytical instrument met criteria.

5.7 Compound Identification

All compounds were correctly identified.

5.8 Analytical Method Compliance

The Level II data review showed the data to be method compliant.

5.9 Conclusions

Based on the results of this Level II Data Validation effort, it is concluded that the data for method SW8270C ID are usable as reported and qualified. The target analyte identifications are considered correct and reliable The DQOs were satisfied as per the Work Plan and the data is usable for its intended purpose.

Appendix E
Trend Analysis

Annual Groundwater Monitoring Report, Second Quarter 2017

Lockheed Martin Corporation

Burbank Operable Unit, Burbank, CA

Appendix E

Trend Analysis (Period Q1-1996 to Q2-2017)
2017 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

	1,2,3-Trichloropropane									1,4-Dioxane									Tetrachlorothylene (PCE)							
	Number of	Number of	Mean	LR	All Samples	LR	M-K	Magnitude of Trend		Number of	Number of	Mean	LR	All Samples	LR	M-K	Magnitude of Trend		Number of	Number of	Mean	LR	All Samples	LR	M-K	Magnitud
Well	Samples	Decections	(µg/L)	Slope	ND	Trend	Trend	(%/yr)	(µg/L/yr)	Samples	Decections	(µg/L)	Slope	ND	Trend	Trend	(%/yr)	(µg/L/yr)	Samples	Decections	(µg/L)	Slope	ND	Trend	Trend	(%/yr)
3830Q	19	5	0.075	-4.5E-04	No	NT	PD	-8.21	-0.006	19	2	0.28	-1.2E-05	No	S	NT			20	20	3.40	-4.0E-04	No	D	D	-7.30
3830S	20	5	0.079	-2.4E-04	No	NT	NT			20	11	1.30	7.4E-05	No	NT	NT			26	26	16.0	-2.1E-04	No	D	D	-3.83
3831Q	8	8	0.15	-8.0E-04	No	D	D	-14.6	-0.022	7	6	1.40	-3.4E-05	No	S	NT			9	9	18.0	-4.1E-04	No	D	D	-7.48
3850M	7	4	0.025	4.6E-04	No	I	I	8.40	0.0021	4	3	0.74	-8.6E-04	No	S	S			17	17	4,500	-4.5E-04	No	D	D	-8.21
3850N	24	24	1.40	-7.2E-04	No	D	D	-13.1	-0.18	19	12	1.70	-2.7E-04	No	PD	D	-4.93	-0.08	35	34	460	-3.1E-04	No	D	D	-5.66
3850R	14	5	0.0081	4.2E-04	No	I	PI	7.67	0.00062	7	4	1.10	1.9E-04	No	NT	NT			33	33	130	1.6E-04	No	I	I	2.92
3850U	7	6	1.70	1.2E-03	No	I	NT			6	6	1.70	6.6E-05	No	NT	S			9	9	440	-3.5E-04	No	D	D	-6.39
3851M	11	9	0.096	8.8E-05	No	NT	S			8	2	0.47	-9.5E-05	No	S	S			19	19	41	-3.9E-04	No	D	D	-7.12
3851N	9	2	0.012	-5.9E-04	No	D	PD	-10.8	-0.0013	7	1	0.40	-1.6E-04	No	S	S			19	19	29	-7.9E-04	No	D	D	-14.4
3852F	8	5	0.057	5.0E-04	No	PI	NT			6	2	0.59	5.8E-04	No	NT	PI	10.6	0.06	16	14	1.30	-3.8E-05	No	S	S	
3852H	11	10	0.38	1.8E-05	No	NT	NT			7	1	0.34	-1.7E-04	No	PD	PD	-3.10	-0.01	20	20	18.0	-1.6E-04	No	D	D	-2.92
3852L	9	7	0.090	4.9E-04	No	I	PI	8.94	0.0080	6	1	0.34	-2.2E-04	No	D	D	-4.02	-0.01	20	11	0.64	-3.6E-05	No	NT	NT	
3852M	6	6	0.13	6.8E-04	No	I	I	12.4	0.016	6	1	0.30	-8.2E-05	No	S	S			8	8	32	-1.6E-04	No	D	D	-2.92
3852N	6	2	0.0029	-4.9E-04	No	PD	NT			6	0	0.31	-2.1E-04	Yes	ND	ND			7	7	8.80	-1.1E-04	No	D	D	-2.01
3860J	7	0	0.0062	-1.4E-04	Yes	ND	ND			4	0	0.29	2.9E-04	Yes	ND	ND			18	18	33	-3.1E-05	No	S	S	
3860K	15	15	25	3.5E-04	No	I	NT			6	3	0.62	-7.7E-05	No	S	S			21	21	3,700	-2.7E-04	No	D	D	-4.93
3861D	8	4	0.015	5.4E-05	No	NT	NT			6	0	0.31	-2.1E-04	Yes	ND	ND			17	17	320	-4.7E-04	No	D	D	-8.58
3861F	8	5	0.015	-3.5E-04	No	NT	NT			5	0	0.32	-2.2E-04	Yes	ND	ND			16	16	31	-2.5E-04	No	D	D	-4.56
3862D	9	7	0.020	1.8E-04	No	PI	NT			7	2	0.42	-1.6E-04	No	PD	D	-2.92	-0.01	18	18	250	-3.0E-04	No	D	D	-5.48
3862E	9	7	0.018	1.2E-04	No	NT	NT			7	3	0.47	-1.1E-04	No	S	S			20	20	88	-2.2E-04	No	D	D	-4.02
3870D	5	0	0.00080	1.4E-07	Yes	ND	ND			5	2	0.39	-9.5E-04	No	D	D	-17.3	-0.07	5	0	0.21	-3.7E-04	Yes	ND	ND	
3871H	6	6	0.17	-2.8E-04	No	D	D	-5.11	-0.0087	5	3	0.56	-1.3E-03	No	D	D	-24	-0.13	8	8	590	-1.7E-04	No	S	D	-3.10
3871J	6	0	0.00073	1.3E-04	Yes	ND	ND			6	0	0.31	-2.1E-04	Yes	ND	ND			7	3	5.00	-6.1E-04	No	D	NT	
3872L	5	5	0.054	6.4E-04	No	I	I	11.7	0.006	5	0	0.26	-1.9E-04	Yes	ND	ND			7	7	770	-3.6E-04	No	D	NT	
3872M	9	1	0.0056	-2.2E-04	No	NT	NT			7	0	0.34	-2.2E-04	Yes	ND	ND			20	20	13.0	-1.2E-04	No	D	D	-2.19
3872N	5	5	0.34	9.8E-05	No	NT	NT			5	2	0.36	-8.0E-04	No	D	S			7	7	790	-8.0E-06	No	D	S	
3872Q	14	13	0.26	-4.9E-04	No	D	D	-8.94	-0.023	14	0	0.28	-1.7E-04	Yes	ND	ND			8	8	710	-2.6E-04	No	D	D	-4.75
3872S	6	2	0.0025	-6.6E-04	No	D	NT			6	0	0.26	-5.5E-05	Yes	ND	ND			8	3	1.30	-3.8E-04	No	D	PD	-6.94
3880	6	1	0.0014	-1.9E-04	No	S	S			5	0	0.26	-1.9E-04	Yes	ND	ND			6	1	0.29	-3.9E-04	No	D	S	
4948	5	0	0.00080	1.4E-07	Yes	ND	ND			5	1	0.31	-7.9E-04	No	D	PD	-14.4	-0.04	8	8	34	-5.6E-05	No	S	S	
4949C	5	0	0.0079	-1.6E-04	Yes	ND	ND			4	0	0.27	1.3E-04	Yes	ND	ND			12	10	12.0	6.9E-06	No	I	NT	
A-1-CW02	5	0	0.00080	1.4E-07	Yes	ND	ND			5	4	0.63	-9.3E-04	No	PD	S			5	5	78	-7.5E-04	No	S	S	
A-1-CW03R	7	7	7.40	-7.5E-04	No	D	D	-13.7	-1.01	6	5	1.70	-3.5E-04	No	S	PD	-6.39	-0.11	11	11	160	7.3E-05	No	NT	S	
A-1-CW04	6	5	6.10	1.6E-03	No	I	I	29	1.78	5	5	1.80	6.4E-05	No	NT	S			14	14	600	-5.8E-04	No	D	D	-10.6
A-1-CW05	6	0	0.0073	-3.5E-04	Yes	ND	ND			4	4	2.20	1.1E-04	No	NT	NT			16	16	79	-3.4E-04	No	D	D	-6.21
A-1-CW07	18	18	70	-4.9E-04	No	D	D	-8.94	-6.26	14	6	29	4.2E-04	No	NT	PI	7.67	2.22	27	27	660	-1.4E-04	No	D	D	-2.56
A-1-CW08	13	13	55	1.4E-04	No	PI	PI	2.56	1.41	12	7	1.10	2.4E-04	No	NT	NT			19	19	180	-1.9E-04	No	D	D	-3.47
A-1-CW09	21	20	4.40	3.7E-04	No	I	I	6.75	0.30	7	5	1.70	5.2E-04	No	I	I	9.49	0.16	33	33	310	-5.7E-04	No	D	D	-10.4
B-1-CW11	6	1	0.0015	1.8E-04	No	NT	NT			6	5	1.70	2.3E-04	No	PI	NT			7	7	4.40	2.0E-04	No	I	NT	
B-1-CW12	25	8	0.023	-3.0E-04	No	PD	NT			14	2	0.72	-2.5E-04	No	PD	NT			36	36	180	-3.9E-04	No	D	D	-7.12
B-1-CW13	24	24	16.0	3.0E-04	No	I	I	5.48	0.88	15	8	0.80	3.1E-04	No	I	I	5.66	0.05	33	33	1,200	-3.7E-04	No	D	D	-6.75
B-1-CW17	24	13	0.28	-2.9E-04	No	NT	NT			12	5	0.96	4.9E-04	No	I	I	8.94	0.09	32	32	130	-1.1E-04	No	D	S	
B-1-CW20	15	1	0.027	2.0E-04	No	NT	NT			9	0	0.35	-1.8E-04	Yes	ND	ND			34	29	7.30	-3.4E-04	No	D	D	-6.21
B-1-CW25	12	9	0.093	-5.7E-05	No	NT	NT			6	4	1.10	1.4E-04	No	NT	NT			35	35	1,000	-3.8E-04	No	D	D	-6.94
B-1-CW27	23	5	0.015	-3.1E-04	No	PD	NT			18	0	0.28	-1.7E-04	Yes	ND	ND			34	34	34	-1.8E-04	No	D	D	-3.29
B-1-CW28	14	1	0.030	5.9E-06	No	I	NT			7	2	0.39	-5.2E-05	No	S	S			37	36	25	2.0E-04	No	I	I	3.65
B-1-CW29	6	0	0.013	-3.1E-03	Yes	ND	ND			4	0	0.29	2.9E-04	Yes	ND	ND			25	25	1,100	-3.3E-04	No	D	D	-6.02
B-1-CW30	2	0	0.0013	0.0E+00	Yes	N/A	N/A			2	0	0.14	0.0E+00	Yes	N/A	N/A			2	2	82	0.0E+00	No	N/A	N/A	
B-1-CW31	2	0	0.0013	0.0E+00	Yes	N/A	N/A			2	0	0.1	0.0E+00	Yes	N/A	N/A			2	2	35	0.0E+00	No	N/A	N/A	
B-1-CW32	2	2	0.0098	0.0E+00	No	N/A	N/A			2	0	0.14	0.0E+00	Yes	N/A	N/A			2	2	11.0	0.0E+00	No	N/A	N/A	
B-1-CW33	2	2	1.0	0.0E+00	No	N/A	N/A			2	2	1.80	0.0E+00	No	N/A	N/A			2	2	510	0.0E+00	No	N/A	N/A	
B-1-CW34	2	0	0.0013	0.0E+00	Yes	N/A	N/A			2	0	0.14	0.0E+00	Yes	N/A	N/A			2	2	11.0	0.0E+00	No	N/A	N/A	
B-5-CW02	23	2	0.0042	3.1E-05	No	NT	NT			20	10	0.90	8.5E-05	No	NT	S			24	24	36	-1.0E-03	No	D	D	-18.3

Appendix E

Trend Analysis (Period Q1-1996 to Q2-2017)
2017 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

	1,2,3-Trichloropropane									1,4-Dioxane									Tetrachlorothylene (PCE)							
	Number of	Number of	Mean	LR	All Samples	LR	M-K	Magnitude of Trend		Number of	Number of	Mean	LR	All Samples	LR	M-K	Magnitude of Trend		Number of	Number of	Mean	LR	All Samples	LR	M-K	Magnitud
Well	Samples	Decections	(µg/L)	Slope	ND	Trend	Trend	(%/yr)	(µg/L/yr)	Samples	Decections	(µg/L)	Slope	ND	Trend	Trend	(%/yr)	(µg/L/yr)	Samples	Decections	(µg/L)	Slope	ND	Trend	Trend	(%/yr)
B-5-CW03	16	16	29	1.1E-04	No	NT	PI	2.01	0.58	15	8	9.00	4.7E-04	No	NT	NT			17	17	36	-5.4E-04	No	D	D	-9.86
B-6-CW02	15	3	0.071	-1.9E-05	No	NT	NT			13	0	0.27	-1.7E-04	Yes	ND	ND			19	6	0.61	1.8E-04	No	PI	I	3.29
B-6-CW05	5	0	0.0008	1.4E-07	Yes	ND	ND			5	0	0.26	-1.9E-04	Yes	ND	ND			6	5	2.60	-8.3E-05	No	S	S	
B-6-CW08	9	1	0.14	-7.4E-04	No	NT	NT			9	2	0.34	-5.2E-05	No	S	NT			7	7	46	-1.8E-04	No	D	PD	-3.29
B-6-CW10	7	7	0.72	1.4E-04	No	PI	NT			6	5	1.10	-4.6E-04	No	PD	D	-8.40	-0.09	8	8	160	-2.0E-04	No	D	D	-3.65
B-6-CW14	13	3	0.23	-5.6E-04	No	NT	NT			12	7	0.88	6.3E-04	No	I	I	11.5	0.10	8	8	97	6.1E-05	No	NT	NT	
B-6-CW16	16	2	0.039	-3.9E-04	No	PD	NT			10	1	0.27	-2.0E-04	No	S	S			15	15	110	-3.7E-04	No	D	D	-6.75
B-6-CW17	13	4	0.062	-4.0E-04	No	NT	D	-7.30	-0.005	12	5	0.45	3.8E-04	No	I	I	6.94	0.03	8	8	190	-2.7E-04	No	D	D	-4.93
C-1-CW02	22	3	0.044	1.7E-05	No	NT	NT			19	6	0.50	2.6E-04	No	I	PI	4.75	0.02	28	27	2.40	-1.6E-04	No	D	D	-2.92
C-1-CW03	21	3	0.027	-7.7E-05	No	NT	NT			17	9	1.2	-2.1E-04	No	NT	D	-3.83	-0.05	25	25	8.90	-1.8E-04	No	D	D	-3.29
C-1-CW05	21	3	0.0052	-1.4E-04	No	NT	NT			19	3	0.31	5.9E-05	No	NT	PI	1.08	0.00	23	22	1.10	5.9E-05	No	NT	S	
C-1-CW06	16	1	0.0040	4.7E-05	No	NT	NT			15	4	0.41	4.6E-04	No	I	I	8.40	0.03	22	22	50	-1.5E-04	No	PD	D	-2.74
C-1-CW07	4	0	0.00088	-1.4E-04	Yes	ND	ND			5	5	2.80	-2.0E-04	No	S	S			5	5	17.0	-6.0E-04	No	S	S	
C-1-CW08	22	3	0.0060	-1.7E-05	No	NT	NT			19	8	1.00	2.4E-04	No	NT	PI	4.4	0.04	20	20	61	-7.2E-04	No	D	D	-13.1
MW-01	4	4	12.0	3.0E-03	No	I	I	55	6.57	4	4	18.0	5.1E-03	No	I	I	93	16.8	4	4	130	1.0E-03	No	PI	NT	
MW-03	18	18	3.20	7.4E-04	No	I	I	13.5	0.43	18	8	1.00	3.9E-04	No	I	I	7.12	0.07	18	18	71	-7.3E-05	No	S	S	
MW-04	16	16	1.10	1.1E-03	No	I	I	20	0.22	16	4	0.76	4.2E-04	No	I	PI	7.67	0.06	16	16	53	-9.0E-05	No	S	S	
MW-07	16	16	0.36	9.9E-04	No	I	I	18.1	0.07	17	3	0.26	1.5E-04	No	NT	NT			17	17	41	-1.4E-06	No	D	S	
MW-08	16	16	1.30	8.6E-04	No	I	I	15.7	0.20	17	8	4.80	6.0E-04	No	I	I	11.0	0.53	17	17	100	-1.9E-04	No	D	D	-3.47
SW-1	10	1	0.0020	-1.0E-05	No	NT	NT			12	2	0.63	-2.2E-04	No	NT	NT			21	0	0.60	-3.1E-04	Yes	ND	ND	
SW-5	10	3	0.0042	-2.2E-04	No	NT	NT			11	10	100	-1.3E-03	No	D	D	-24	-24	19	19	260	-2.6E-04	No	D	D	-4.75

Notes:

Trend Categories and Definitions	**1,2,3-Trichloropropane (# wells)**	**% Total**	**1,4-Dioxane (# wells)**	**% Total**	**Tetrachlorothylene (PCE) (# wells)**
"N/A"-Insufficient Data(< 4 sampling events)	5		5		5
Blank-No data	0		0		0
"ND" - Non Detect	10	14	16	23.19	2
"NT" - No Trend	33	48	13	18.84	7
"S" - Stable	2	3	14	20.29	14
"I" - Increasing	11	16	9	13.04	3
"PI" -Probably Increasing	4	6	6	8.70	0
"D" - Decreasing	7	10	8	11.59	41
"PD" -Probably Decreasing	2	3	3	4.35	2
	69	100	69	100.00	69

Appendix E

Trend Analysis (Period Q1-1996 to Q2-2017)
2017 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

	Trichloroethylene (TCE)									Hexavalent Chromium									Total Chromium								
e of Trend	Number of	Number of	Mean	LR	All Samples	LR	M-K	Magnitude of Trend		Number of	Number of	Mean	LR	All Samples	LR	M-K	Magnitude of Trend		Number of	Number of	Mean	LR	All Samples	LR	M-K	Magnitude of Trend	
(µg/L/yr)	Samples	Decections	(µg/L)	Slope	ND	Trend	Trend	(%/yr)	(µg/L/yr)	Samples	Decections	(µg/L)	Slope	ND	Trend	Trend	(%/yr)	(µg/L/yr)	Samples	Decections	(µg/L)	Slope	ND	Trend	Trend	(%/yr)	(µg/L/yr)
-0.25	20	4	0.51	-3.6E-04	No	D	D	-6.57	-0.03	19	7	0.11	-3.2E-04	No	PD	D	-5.84	-0.01	20	13	3.50	-1.5E-04	No	S	PD	-2.74	-0.10
-0.61	26	26	62	2.1E-04	No	PI	PI	3.83	2.38	21	20	3.20	-2.9E-04	No	PD	NT			24	14	5.50	2.2E-04	No	NT	NT		
-1.35	9	9	66	-1.6E-04	No	PD	D	-2.92	-1.93	8	7	2.80	-6.7E-04	No	S	S			8	7	10.0	3.0E-05	No	NT	NT		
-370	17	17	720	-1.8E-04	No	D	D	-3.29	-24	7	7	3.00	-2.4E-04	No	NT	NT			11	6	4.30	1.5E-04	No	NT	NT		
-26	35	35	460	-4.7E-04	No	D	D	-8.58	-39	22	22	22	-3.0E-04	No	D	PD	-5.48	-1.20	26	26	34	-1.2E-04	No	PD	NT		
3.80	33	33	10.0	7.7E-05	No	I	I	1.41	0.14	9	4	0.13	1.2E-04	No	NT	NT			16	7	4.50	8.0E-05	No	NT	NT		
-28.11	9	9	62	-8.0E-06	No	D	NT			6	6	1.10	-1.2E-04	No	S	S			5	5	5.30	-1.3E-04	No	S	S		
-2.92	19	19	35	-3.3E-04	No	D	D	-6.02	-2.11	19	16	3.40	-1.2E-04	No	NT	PD	-2.19	-0.07	21	12	5.20	1.7E-04	No	NT	NT		
-4.18	19	15	8.90	-8.1E-04	No	D	D	-14.8	-1.32	8	8	0.59	1.2E-04	No	NT	PI	2.19	0.01	11	6	3.60	8.6E-05	No	NT	NT		
	16	12	2.20	-1.9E-04	No	PD	NT			7	7	1.80	6.1E-06	No	I	NT			10	8	7.20	-2.8E-05	No	NT	NT		
-0.53	20	20	18.0	-1.1E-04	No	D	D	-2.01	-0.36	8	8	1.20	4.5E-05	No	NT	PI	0.82	0.01	11	6	3.60	1.1E-04	No	NT	NT		
	20	18	5.60	-3.7E-05	No	NT	NT			8	8	1.60	5.9E-05	No	NT	NT			11	9	16.0	1.2E-04	No	NT	NT		
-0.93	8	8	21	-1.1E-04	No	D	D	-2.01	-0.42	6	6	0.86	2.4E-04	No	NT	NT			6	6	4.10	-1.9E-04	No	D	PD	-3.47	-0.14
-0.18	7	7	9.50	-2.7E-04	No	D	D	-4.93	-0.47	6	6	1.70	-9.0E-07	No	D	NT			7	6	3.70	1.7E-05	No	NT	NT		
	18	18	22	-1.9E-04	No	D	PD	-3.47	-0.76	6	6	3.20	-1.1E-04	No	S	D	-2.01	-0.06	9	8	13.0	1.3E-04	No	I	I	2.37	0.31
-182	21	21	690	-1.3E-04	No	D	D	-2.37	-16.4	8	8	2.10	-1.7E-04	No	S	S			12	5	4.00	3.0E-04	No	NT	PI	5.48	0.22
-27	17	17	620	-4.2E-04	No	D	PD	-7.67	-48	7	7	4.20	-4.2E-05	No	S	S			10	10	8.40	-8.5E-05	No	PD	PD	-1.55	-0.13
-1.41	16	16	13.0	-2.2E-04	No	D	D	-4.02	-0.52	7	7	2.70	7.7E-05	No	NT	PI	1.41	0.04	10	6	4.50	2.0E-04	No	NT	NT		
-13.7	17	17	640	-2.6E-04	No	D	D	-4.75	-30	8	8	13.0	-2.1E-04	No	D	D	-3.83	-0.50	11	10	14.0	-4.2E-05	No	S	PD	-0.77	-0.11
-3.5	20	20	60	-1.5E-04	No	D	D	-2.74	-1.64	8	8	1.30	-1.2E-04	No	S	S			11	5	2.60	3.4E-05	No	NT	NT		
	5	0	0.22	-1.3E-04	Yes	ND	ND			5	4	10.0	4.8E-03	No	PI	I	88	8.76	4	4	59	-1.1E-03	No	NT	NT		
-18.3	8	8	310	2.6E-05	No	NT	S			6	6	4.90	-1.3E-04	No	S	NT			6	6	21	9.9E-05	No	NT	NT		
	7	2	2.90	-5.5E-04	No	D	PD	-10.0	-0.29	6	6	4.70	-1.2E-04	No	S	S			6	6	11.0	-2.0E-05	No	S	S		
	7	7	270	-2.9E-04	No	D	NT			5	5	2.90	8.5E-04	No	NT	NT			5	5	9.7	-3.1E-05	No	S	S		
-0.28	20	20	3.90	-4.7E-05	No	PD	D	-0.86	-0.03	8	8	3.20	-5.7E-06	No	D	NT			10	6	4.30	1.8E-04	No	NT	S		
	7	7	200	-3.6E-05	No	S	S			5	4	3.10	4.4E-03	No	I	I	80	2.49	5	5	12.0	9.0E-06	No	I	S		
-34	8	8	270	-3.2E-04	No	D	D	-5.84	-15.8	15	14	2.60	2.3E-04	No	NT	S			16	11	6.40	-6.4E-05	No	NT	NT		
-0.09	8	3	1.70	-4.1E-04	No	D	D	-7.48	-0.13	6	6	5.70	-7.6E-05	No	S	S			6	6	11.0	8.7E-07	No	I	S		
	6	0	0.21	6.6E-05	Yes	ND	ND			14	14	6.00	1.7E-04	No	NT	NT			13	13	22	1.4E-04	No	NT	NT		
	8	8	5.20	-9.3E-05	No	S	PD	-1.70	-0.09	5	5	0.97	1.8E-04	No	NT	S			5	5	5.30	-1.2E-04	No	S	S		
	12	11	5.70	-3.6E-05	No	NT	PD	-0.66	-0.04	4	4	1.10	-1.4E-04	No	S	S			7	6	9.50	6.8E-05	No	NT	NT		
	5	5	6.20	-2.5E-04	No	S	S			5	3	0.27	6.4E-04	No	NT	NT			4	4	3.30	1.2E-03	No	NT	NT		
	11	11	32	9.4E-05	No	NT	NT			6	4	0.34	8.6E-05	No	NT	NT			5	5	2.30	4.5E-04	No	NT	NT		
-64	14	14	170	-5.3E-04	No	D	D	-9.67	-16.4	6	6	0.82	-1.4E-04	No	S	S			6	4	1.30	4.8E-04	No	I	NT		
-4.90	16	16	6.20	-3.4E-04	No	D	D	-6.21	-0.38	5	2	0.14	-6.0E-04	No	NT	NT			9	4	2.10	-1.2E-05	No	NT	NT		
-16.9	27	27	700	-4.7E-05	No	S	S			17	15	1.30	-4.7E-04	No	PD	D	-8.58	-0.11	22	16	6.10	2.5E-04	No	I	NT		
-6.24	19	19	230	-3.1E-05	No	S	S			6	6	1.30	-1.4E-04	No	S	S			10	5	2.70	-2.8E-05	No	NT	NT		
-32	33	33	110	-5.2E-04	No	D	D	-9.49	-10.4	9	9	9.60	-2.9E-04	No	NT	NT			15	7	6.20	1.9E-04	No	NT	NT		
	5	5	1.20	-3.0E-04	No	PD	S			7	7	2.20	-2.2E-04	No	S	S			8	8	6.20	-1.3E-04	No	D	D	-2.37	-0.15
-12.8	36	36	590	-4.6E-04	No	D	D	-8.40	-50	28	28	22	-2.2E-04	No	D	D	-4.02	-0.88	31	30	67	-3.2E-04	No	D	D	-5.84	-3.91
-81	33	33	790	-2.6E-04	No	D	D	-4.75	-37	9	9	1.80	-1.2E-04	No	S	S			19	7	2.90	1.0E-04	No	NT	NT		
	32	32	230	-2.2E-04	No	D	D	-4.02	-9.23	32	32	37	-1.9E-04	No	D	D	-3.47	-1.28	33	32	41	-1.2E-04	No	D	D	-2.19	-0.90
-0.5	34	11	5.10	-4.4E-04	No	D	D	-8.03	-0.41	10	10	3.00	-3.0E-04	No	D	D	-5.48	-0.16	18	12	4.70	1.3E-04	No	NT	S		
-69	35	35	350	-4.8E-04	No	D	D	-8.76	-31	8	8	6.90	-2.5E-04	No	PD	PD	-4.56	-0.31	17	14	9.10	4.0E-05	No	NT	S		
-1.12	34	34	17.0	-1.3E-04	No	D	D	-2.37	-0.40	8	8	3.20	-8.0E-05	No	S	NT			16	9	3.90	2.3E-04	No	PI	NT		
0.91	37	36	4.90	-2.6E-05	No	S	D	-0.47	-0.02	8	5	0.53	-5.5E-04	No	S	S			18	9	3.80	1.6E-04	No	NT	NT		
-66	25	25	42	-4.6E-04	No	D	D	-8.40	-3.53	5	5	5.70	-1.5E-04	No	S	S			11	10	22	2.1E-04	No	NT	NT		
	2	2	160	0.0E+00	No	N/A	N/A			2	2	7.80	0.0E+00	No	N/A	N/A			2	2	38	0.0E+00	No	N/A	N/A		
	2	2	26	0.0E+00	No	N/A	N/A			2	2	11.0	0.0E+00	No	N/A	N/A			2	2	26	0.0E+00	No	N/A	N/A		
	2	2	87	0.0E+00	No	N/A	N/A			2	2	10.0	0.0E+00	No	N/A	N/A			2	2	44	0.0E+00	No	N/A	N/A		
	2	2	210	0.0E+00	No	N/A	N/A			2	2	0.70	0.0E+00	No	N/A	N/A			2	2	21	0.0E+00	No	N/A	N/A		
	2	2	20	0.0E+00	No	N/A	N/A			2	2	16.0	0.0E+00	No	N/A	N/A			2	2	56	0.0E+00	No	N/A	N/A		
-6.57	24	14	3.60	-1.2E-03	No	D	D	-22	-0.79	22	8	0.12	-6.9E-04	No	D	D	-12.6	-0.02	22	10	2.90	4.5E-05	No	NT	NT		

Appendix E

Trend Analysis (Period Q1-1996 to Q2-2017)
2017 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

	Trichloroethylene (TCE)									Hexavalent Chromium									Total Chromium								
e of Trend	Number of	Number of	Mean	LR	All Samples	LR	M-K	Magnitude of Trend		Number of	Number of	Mean	LR	All Samples	LR	M-K	Magnitude of Trend		Number of	Number of	Mean	LR	All Samples	LR	M-K	Magnitude of Trend	
(µg/L/yr)	Samples	Decections	(µg/L)	Slope	ND	Trend	Trend	(%/yr)	(µg/L/yr)	Samples	Decections	(µg/L)	Slope	ND	Trend	Trend	(%/yr)	(µg/L/yr)	Samples	Decections	(µg/L)	Slope	ND	Trend	Trend	(%/yr)	(µg/L/yr)
-3.55	17	17	44	-5.1E-04	No	D	PD	-9.31	-4.10	17	16	1.60	4.0E-04	No	I	PI	7.30	0.12	17	13	4.60	1.3E-04	No	NT	NT		
0.02	19	0	0.19	-7.2E-05	Yes	ND	ND			14	14	0.79	2.2E-04	No	I	PI	4.02	0.03	14	6	2.40	2.9E-04	No	PI	I	5.29	0.13
	5	3	0.51	-1.0E-03	No	PD	S			5	3	0.09	3.3E-04	No	NT	S			4	4	12.0	5.8E-04	No	NT	NT		
-1.51	7	7	5.80	-7.7E-05	No	PD	D	-1.41	-0.08	11	2	0.06	3.2E-04	No	NT	NT			11	6	2.10	-9.1E-05	No	NT	NT		
-5.84	8	8	29	-8.1E-05	No	PD	D	-1.48	-0.43	6	5	0.53	4.4E-04	No	PI	NT			7	5	2.70	-2.1E-04	No	D	NT		
	8	8	8.80	4.5E-05	No	NT	NT			12	10	0.66	-1.5E-04	No	S	S			13	10	2.90	-1.9E-04	No	D	PD	-3.47	-0.10
-7.43	15	15	26	-3.5E-04	No	D	D	-6.39	-1.66	13	13	1.00	-8.8E-05	No	S	NT			17	9	5.40	4.3E-04	No	PI	I	7.85	0.42
-9.36	8	8	11.0	-2.3E-04	No	D	D	-4.20	-0.46	12	12	140	-4.1E-04	No	NT	PD	-7.48	-10.5	13	8	4.10	-1.7E-04	No	S	S		
-0.07	28	2	0.22	-7.8E-05	No	D	S			23	6	0.05	-2.6E-05	No	NT	NT			24	10	2.60	-3.2E-05	No	NT	NT		
-0.29	25	14	0.65	-1.4E-04	No	D	D	-2.56	-0.02	20	15	0.39	4.2E-04	No	I	I	7.67	0.03	21	15	4.10	5.6E-05	No	NT	NT		
	23	1	0.20	-3.6E-05	No	S	NT			21	6	0.07	1.7E-04	No	NT	S			22	10	2.40	-2.6E-04	No	D	D	-4.75	-0.11
-1.37	22	22	890	-2.4E-04	No	D	D	-4.38	-39	19	18	0.74	-1.7E-04	No	S	PD	-3.10	-0.02	20	13	3.70	-1.1E-04	No	S	D	-2.01	-0.07
	5	5	1.30	-1.5E-04	No	S	S			5	2	0.18	-1.5E-03	No	NT	NT			5	5	43	1.9E-04	No	NT	NT		
-8.02	20	19	10	-8.8E-04	No	D	D	-16.1	-1.59	21	11	0.32	-1.6E-04	No	NT	PD	-2.92	-0.01	21	11	21	3.3E-04	No	NT	NT		
	4	4	52	2.8E-04	No	NT	NT			4	4	1.10	-1.1E-03	No	S	S			3	2	2.70	0.0E+00	No	N/A	N/A		
	18	18	19	-1.6E-04	No	D	D	-2.92	-0.55	18	17	2.00	3.0E-04	No	PI	NT			18	13	4.60	7.1E-05	No	NT	NT		
	16	16	15	-1.6E-04	No	PD	D	-2.92	-0.44	16	15	1.40	2.0E-04	No	NT	I	3.65	0.05	15	12	3.70	6.5E-05	No	NT	S		
	17	17	10	-1.4E-04	No	D	D	-2.56	-0.25	17	16	1.30	1.2E-04	No	NT	NT			16	12	4.10	-4.5E-05	No	S	S		
-3.47	17	17	44	-2.1E-04	No	PD	PD	-3.83	-1.69	17	14	1.40	3.9E-04	No	PI	I	7.12	0.10	16	12	4.40	9.7E-06	No	I	S		
	21	10	2.40	-2.3E-04	No	D	NT			12	12	4.80	-8.1E-05	No	S	S			13	13	140	-6.0E-04	No	D	D	-11.0	-15.3
-12.3	19	19	140	-1.9E-04	No	D	D	-3.47	-4.85	11	11	27	-5.7E-04	No	D	D	-10.4	-2.81	11	11	76	-1.2E-04	No	NT	NT		

% Total	Trichloroethylene (TCE)	(# wells)	% Total	Hexavalent Chromium	(# wells)	% Total	Total Chromium	(# wells)	% Total
		5			5			6	
		0			0			0	
2.90		3	4		0	0.00		0	0.00
10.14		9	13		23	33.33		40	58.82
20.29		9	13		21	30.43		13	19.12
4.35		1	1		5	7.25		3	4.41
0.00		1	1		5	7.25		1	1.47
59.42		39	57		9	13.04		6	8.82
2.90		7	10		6	8.70		5	7.35
100.00		69	100		69	100.00		68	100.00

Appendix F
BOU Extraction Well Performance

Annual Groundwater Monitoring Report, Second Quarter 2017

Lockheed Martin Corporation

Burbank Operable Unit, Burbank, CA

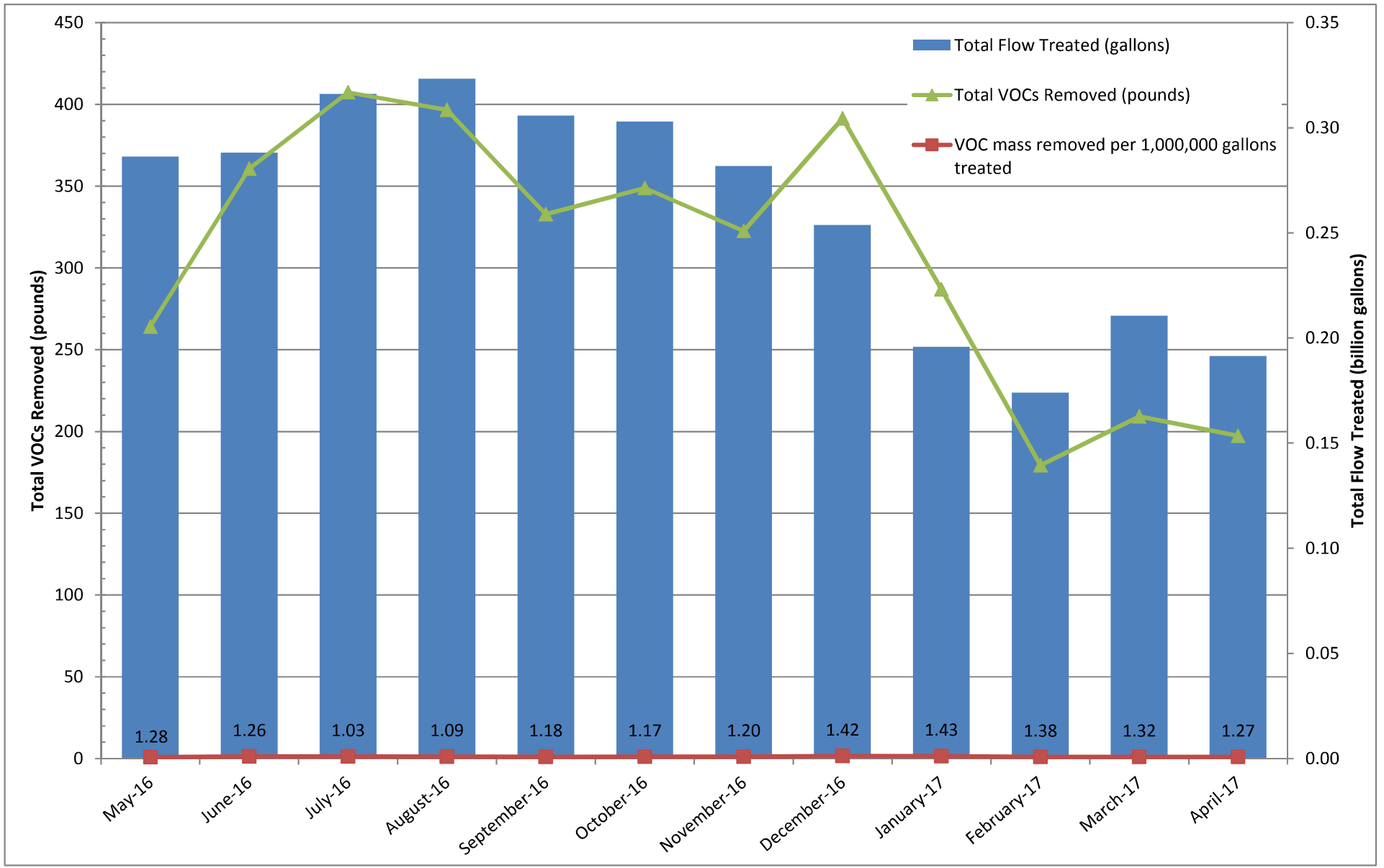
Appendix F

BOU Cummulative Mass Removal Summary (January 1996 - April 2016)
2016 Annual Groundwater Montoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA

Year	Total Flow Treated (gallons)	Cummulative Flow Treated (gallons)	Total VOC Mass Removed (pounds)	Cummulative VOC Mass Removed (pounds)
1996	2,250,086,147	2,250,086,147	27,663	27,663
1997	3,408,059,569	5,658,145,716	28,519	56,182
1998	371,154,459	6,029,300,175	3,908	60,090
1999	3,956,423,830	9,985,724,005	39,569	99,659
2000	3,194,062,916	13,179,786,921	24,036	123,695
2001	3,146,371,256	16,326,158,177	20,575	144,271
2002	3,357,074,416	19,683,232,593	17,356	161,627
2003	2,942,948,496	22,626,181,089	14,827	176,454
2004	3,204,536,159	25,830,717,248	11,547	188,000
2005	2,274,141,614	28,104,858,862	6,818	194,819
2006	3,364,467,193	31,469,326,055	10,286	205,105
2007	3,153,855,623	34,623,181,678	7,513	212,618
2008	2,280,818,078	36,903,999,756	4,784	217,402
2009	3,280,836,166	40,184,835,922	6,706	224,108
2010	3,282,379,861	43,467,215,783	6,160	230,268
2011	3,355,059,726	46,822,275,509	5,870	236,138
2012	3,543,049,805	50,365,325,314	5,384	241,522
2013	3,637,576,057	54,002,901,370	5,164	246,686
2014	3,114,113,237	57,117,014,607	3,707	250,393
2015	3,365,140,780	60,482,155,387	4,368	254,761
2016	3,133,756,552	63,615,911,939	3,789	258,550
2017 (Jan - April)	771,530,941	64,387,442,880	873	255,634

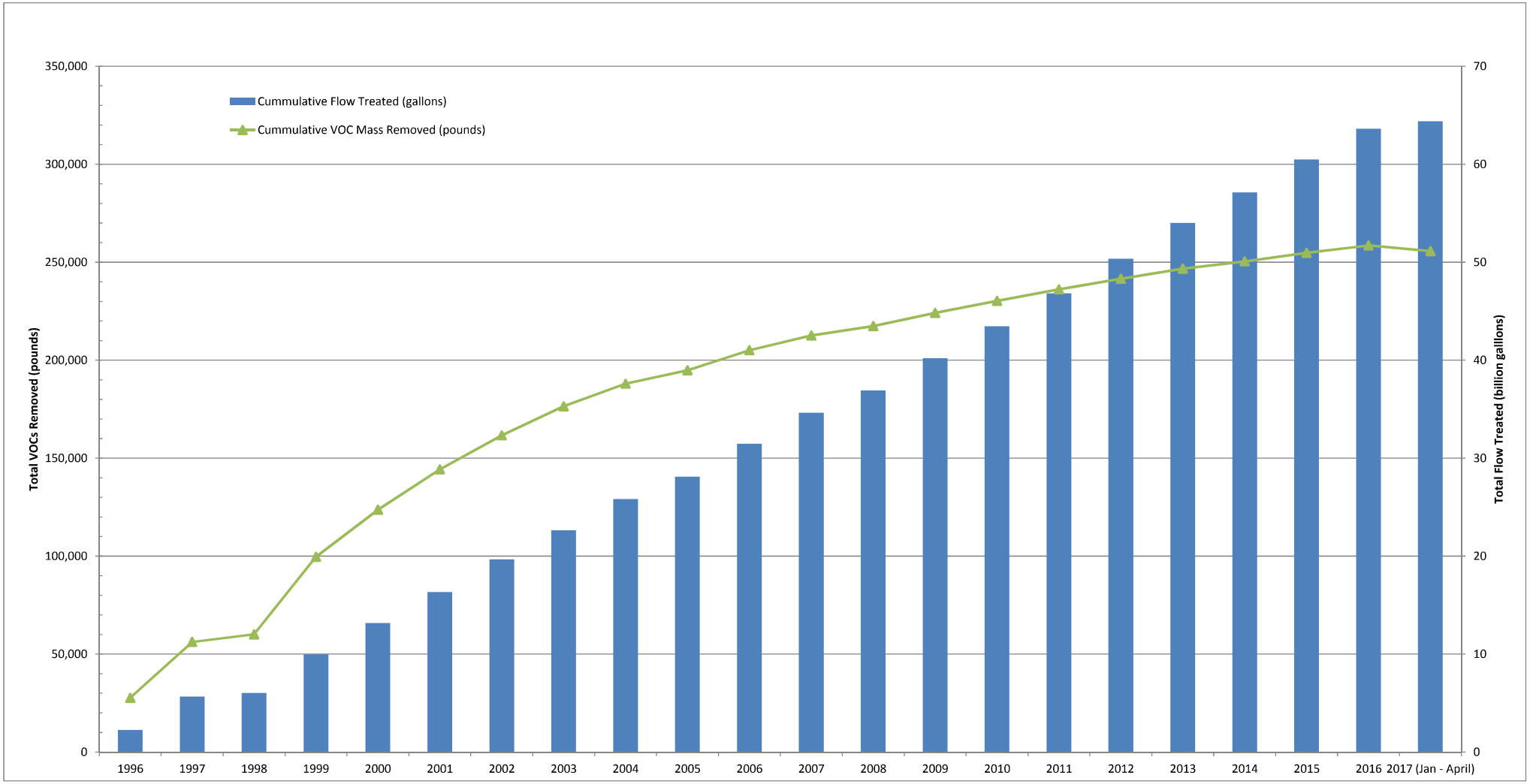
Appendix F

Monthly Mass Removed (May 2016 - April 2017)
Burbank Operable Unit Water Treatment Plant
2017 Annual Groundwater Montoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA



Appendix F

Cumulative Mass Removed (January 1996 - April 2017)
Burbank Operable Unit Water Treatment Plant
2017 Annual Groundwater Monitoring Report
Lockheed Martin Corporation
Burbank Operable Unit, Burbank, CA



Appendix G
Laboratory Analytical Results

Annual Groundwater Monitoring Report, Second Quarter 2017

Lockheed Martin Corporation

Burbank Operable Unit, Burbank, CA

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WORK ORDER NUMBER: 17-04-1908

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Tetra Tech, Inc.

Client Project Name: LMC BOU

Attention: Robert Sabater
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Vikas Patel

Approved for release on 05/10/2017 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 17-04-1908

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Work Order Narrative

Work Order: 17-04-1908 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/25/17. They were assigned to Work Order 17-04-1908.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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QC Association Summary

Work Order: 17-04-1908 Page 1 of 1

Client Sample ID	Method Name	Type	Ext Name	Instrument	MS/MSD/SDP	LCS/LCSD
C-1-CW03-N-17Q2	EPA 218.6 Hexavalent Chromium Low Level		N/A	IC 16	170425S01	170425L01
C-1-CW03-N-17Q2	EPA 6020 ICP/MS Metals		EPA 3020A Total	ICP/MS 03	170502SA4	170502LA4A
C-1-CW03-N-17Q2	EPA 8260B Volatile Organics		EPA 5030C	GC/MS FFF	170505S003	170505L003
C-1-CW03-N-17Q2	EPA 8260B SIM Emergent Volatiles		EPA 5030C	GC/MS M	170502S030	170502L048
C-1-CW03-N-17Q2	1,4-Dioxane by EPA 8270C (M) Isotope Dilution		EPA 3510C	GC/MS DDD	170427S08	170427L08
SW-1-N-17Q2	EPA 218.6 Hexavalent Chromium Low Level		N/A	IC 16	170425S01	170425L01
SW-1-N-17Q2	EPA 6020 ICP/MS Metals		EPA 3020A Total	ICP/MS 03	170502SA4	170502LA4A
SW-1-N-17Q2	EPA 8260B Volatile Organics		EPA 5030C	GC/MS FFF	170505S003	170505L003
SW-1-N-17Q2	EPA 8260B SIM Emergent Volatiles		EPA 5030C	GC/MS M	170502S030	170502L048
SW-1-N-17Q2	1,4-Dioxane by EPA 8270C (M) Isotope Dilution		EPA 3510C	GC/MS DDD	170427S08	170427L08
LTB-20170425	EPA 8260B Volatile Organics		EPA 5030C	GC/MS FFF	170505S003	170505L003
LTB-20170425	EPA 8260B SIM Emergent Volatiles		EPA 5030C	GC/MS M	170502S030	170502L048
3850U-N-17Q2	EPA 218.6 Hexavalent Chromium Low Level		N/A	IC 16	170425S01	170425L01
3850U-N-17Q2	EPA 6020 ICP/MS Metals		EPA 3020A Total	ICP/MS 03	170502SA4	170502LA4A
3850U-N-17Q2	EPA 8260B Volatile Organics		EPA 5030C	GC/MS FFF	170505S003	170505L003
3850U-N-17Q2	EPA 8260B Volatile Organics	R	EPA 5030C	GC/MS UU	170506S005	170506L015
3850U-N-17Q2	EPA 8260B SIM Emergent Volatiles		EPA 5030C	GC/MS M	170504S023	170504L054
3850U-N-17Q2	1,4-Dioxane by EPA 8270C (M) Isotope Dilution		EPA 3510C	GC/MS DDD	170427S08	170427L08
B-6-CW16-N-17Q2	EPA 218.6 Hexavalent Chromium Low Level		N/A	IC 16	170425S01	170425L01
B-6-CW16-N-17Q2	EPA 6020 ICP/MS Metals		EPA 3020A Total	ICP/MS 03	170502SA4	170502LA4A
B-6-CW16-N-17Q2	EPA 8260B Volatile Organics		EPA 5030C	GC/MS FFF	170505S003	170505L003
B-6-CW16-N-17Q2	EPA 8260B SIM Emergent Volatiles		EPA 5030C	GC/MS M	170504S023	170504L054
B-6-CW16-N-17Q2	1,4-Dioxane by EPA 8270C (M) Isotope Dilution		EPA 3510C	GC/MS DDD	170427S08	170427L08

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-1908
Project Name: LMC BOU
Received: 04/25/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
C-1-CW03-N-17Q2 (17-04-1908-1)						
Chromium, Hexavalent	0.88		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00266		0.00100	mg/L	EPA 6020	EPA 3020A Total
Bromodichloromethane	0.34	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.74		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	0.38	J	0.20*	ug/L	EPA 8260B	EPA 5030C
SW-1-N-17Q2 (17-04-1908-2)						
Chromium, Hexavalent	5.6		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00653		0.00100	mg/L	EPA 6020	EPA 3020A Total
Bromodichloromethane	0.80		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	3.3		0.50	ug/L	EPA 8260B	EPA 5030C
LTB-20170425 (17-04-1908-3)						
Acetone	5.0	J	4.0*	ug/L	EPA 8260B	EPA 5030C
3850U-N-17Q2 (17-04-1908-4)						
Chromium, Hexavalent	0.87		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00919		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,1-Trichloroethane	0.23	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,1,2-Trichloro-1,2,2-Trifluoroethane	4.9		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	6.9		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	1.3		1.0	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	0.44	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.35	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	1.5		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	19		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.35	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	27		1.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	1.6		0.12	ug/L	EPA 8260B SIM	EPA 5030C
1,4-Dioxane	1.4		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
B-6-CW16-N-17Q2 (17-04-1908-5)						
Chromium, Hexavalent	1.4		0.020	ug/L	EPA 218.6	N/A
Chromium	0.0289		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,1-Trichloroethane	0.42	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.3		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	8.4		0.50	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.46	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.84		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	6.9		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	3.9		0.50	ug/L	EPA 8260B	EPA 5030C

* MDL is shown

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Detections Summary

Client:	Tetra Tech, Inc.	Work Order:	17-04-1908
	301 E. Vanderbilt Way, Suite 450	Project Name:	LMC BOU
	San Bernardino, CA 92408-3562	Received:	04/25/17
Attn:	Robert Sabater		Page 2 of 2

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW03-N-17Q2	**17-04-1908-1-K**	**04/25/17 14:18**	**Aqueous**	**IC 16**	**N/A**	**04/25/17 20:42**	**170425L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.88	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SW-1-N-17Q2	**17-04-1908-2-K**	**04/25/17 08:22**	**Aqueous**	**IC 16**	**N/A**	**04/25/17 20:53**	**170425L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	5.6	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850U-N-17Q2	**17-04-1908-4-L**	**04/25/17 11:07**	**Aqueous**	**IC 16**	**N/A**	**04/25/17 21:04**	**170425L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.87	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW16-N-17Q2	**17-04-1908-5-K**	**04/25/17 14:41**	**Aqueous**	**IC 16**	**N/A**	**04/25/17 21:15**	**170425L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	1.4	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-567-240**	**N/A**	**Aqueous**	**IC 16**	**N/A**	**04/25/17 18:58**	**170425L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW03-N-17Q2	**17-04-1908-1-L**	**04/25/17 14:18**	**Aqueous**	**ICP/MS 03**	**05/02/17**	**05/08/17 15:35**	**170502LA4A**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00266	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SW-1-N-17Q2	**17-04-1908-2-L**	**04/25/17 08:22**	**Aqueous**	**ICP/MS 03**	**05/02/17**	**05/08/17 15:38**	**170502LA4A**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00653	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850U-N-17Q2	**17-04-1908-4-M**	**04/25/17 11:07**	**Aqueous**	**ICP/MS 03**	**05/02/17**	**05/08/17 15:40**	**170502LA4A**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00919	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW16-N-17Q2	**17-04-1908-5-L**	**04/25/17 14:41**	**Aqueous**	**ICP/MS 03**	**05/02/17**	**05/08/17 15:43**	**170502LA4A**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0289	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**096-06-003-5560**	**N/A**	**Aqueous**	**ICP/MS 03**	**05/02/17**	**05/03/17 17:11**	**170502LA4A**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	ND	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW03-N-17Q2	**17-04-1908-1-M**	**04/25/17 14:18**	**Aqueous**	**GC/MS DDD**	**04/27/17**	**04/28/17 16:56**	**170427L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	104	56-123	
1,4-Dioxane-d8(IDS-IS)	41	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SW-1-N-17Q2	**17-04-1908-2-K**	**04/25/17 08:22**	**Aqueous**	**GC/MS DDD**	**04/27/17**	**04/28/17 17:12**	**170427L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	112	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850U-N-17Q2	**17-04-1908-4-M**	**04/25/17 11:07**	**Aqueous**	**GC/MS DDD**	**04/27/17**	**04/28/17 17:27**	**170427L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	1.4	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	112	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW16-N-17Q2	**17-04-1908-5-M**	**04/25/17 14:41**	**Aqueous**	**GC/MS DDD**	**04/27/17**	**04/28/17 17:43**	**170427L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	106	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-216-1023**	**N/A**	**Aqueous**	**GC/MS DDD**	**04/27/17**	**04/28/17 15:37**	**170427L08**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	116	56-123	
1,4-Dioxane-d8(IDS-IS)	42	30-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 1 of 18

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW03-N-17Q2	**17-04-1908-1-A**	**04/25/17 14:18**	**Aqueous**	**GC/MS FFF**	**05/05/17**	**05/05/17 11:01**	**170505L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	0.34	0.50	0.20	1.00	J
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.74	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	0.38	0.50	0.20	1.00	J
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	87	68-120	
Dibromofluoromethane	103	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1908
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 3 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	105	80-128	
Toluene-d8	97	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 4 of 18

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SW-1-N-17Q2	**17-04-1908-2-A**	**04/25/17 08:22**	**Aqueous**	**GC/MS FFF**	**05/05/17**	**05/05/17 16:15**	**170505L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	0.80	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	3.3	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	88	68-120	
Dibromofluoromethane	103	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1908
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 6 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	106	80-128	
Toluene-d8	96	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170425	**17-04-1908-3-A**	**04/25/17 06:30**	**Aqueous**	**GC/MS FFF**	**05/05/17**	**05/05/17 16:46**	**170505L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	5.0	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	89	68-120	
Dibromofluoromethane	102	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1908
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 9 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	105	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 10 of 18

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850U-N-17Q2	**17-04-1908-4-A**	**04/25/17 11:07**	**Aqueous**	**GC/MS FFF**	**05/05/17**	**05/05/17 17:18**	**170505L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	0.23	0.50	0.20	1.00	J
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	4.9	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	6.9	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	1.3	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	0.44	0.50	0.20	1.00	J
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1908
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 11 of 18

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.35	0.50	0.20	1.00	J
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	1.5	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	19	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.35	0.50	0.20	1.00	J
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	85	68-120	
Dibromofluoromethane	105	80-127	
1,2-Dichloroethane-d4	106	80-128	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1908
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 12 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
Toluene-d8	97	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850U-N-17Q2	**17-04-1908-4-2**	**04/25/17 11:07**	**Aqueous**	**GC/MS UU**	**05/06/17**	**05/06/17 17:34**	**170506L015**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Tetrachloroethene	27	1.0	0.40	2.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	116	80-127	
1,2-Dichloroethane-d4	102	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 13 of 18

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW16-N-17Q2	**17-04-1908-5-A**	**04/25/17 14:41**	**Aqueous**	**GC/MS FFF**	**05/05/17**	**05/05/17 17:49**	**170505L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	0.42	0.50	0.20	1.00	J
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.3	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	8.4	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.46	0.50	0.20	1.00	J
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.84	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	6.9	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	3.9	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	68-120	
Dibromofluoromethane	103	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1908
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 15 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4683**	**N/A**	**Aqueous**	**GC/MS FFF**	**05/05/17**	**05/05/17 09:58**	**170505L003**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	87	68-120	
Dibromofluoromethane	101	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 18 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	105	80-128	
Toluene-d8	95	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4687**	**N/A**	**Aqueous**	**GC/MS UU**	**05/06/17**	**05/06/17 14:30**	**170506L015**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Tetrachloroethene	ND	0.50	0.20	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-120	
Dibromofluoromethane	109	80-127	
1,2-Dichloroethane-d4	102	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW03-N-17Q2	**17-04-1908-1-H**	**04/25/17 14:18**	**Aqueous**	**GC/MS M**	**05/02/17**	**05/02/17 18:38**	**170502L048**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	109	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SW-1-N-17Q2	**17-04-1908-2-H**	**04/25/17 08:22**	**Aqueous**	**GC/MS M**	**05/02/17**	**05/02/17 19:08**	**170502L048**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	105	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170425	**17-04-1908-3-C**	**04/25/17 06:30**	**Aqueous**	**GC/MS M**	**05/02/17**	**05/02/17 14:39**	**170502L048**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	110	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850U-N-17Q2	**17-04-1908-4-F**	**04/25/17 11:07**	**Aqueous**	**GC/MS M**	**05/04/17**	**05/04/17 16:37**	**170504L054**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	1.6	0.12	0.062	25.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW16-N-17Q2	**17-04-1908-5-F**	**04/25/17 14:41**	**Aqueous**	**GC/MS M**	**05/04/17**	**05/04/17 16:07**	**170504L054**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	106	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-497**	**N/A**	**Aqueous**	**GC/MS M**	**05/02/17**	**05/02/17 11:40**	**170502L048**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	113	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-498**	**N/A**	**Aqueous**	**GC/MS M**	**05/04/17**	**05/04/17 15:37**	**170504L054**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	106	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: N/A
Method: EPA 218.6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
C-1-CW03-N-17Q2	**Sample**	**Aqueous**	**IC 16**	**N/A**	**04/25/17 20:42**	**170425S01**
C-1-CW03-N-17Q2	**Matrix Spike**	**Aqueous**	**IC 16**	**N/A**	**04/25/17 21:26**	**170425S01**
C-1-CW03-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**IC 16**	**N/A**	**04/25/17 21:38**	**170425S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	0.8780	10.00	11.11	102	11.23	103	85-121	1	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 3005A Filt.
Method: EPA 6020

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-2243-3	**Sample**	**Aqueous**	**ICP/MS 03**	**05/02/17**	**05/03/17 17:26**	**170502SA4**
17-04-2243-3	**Matrix Spike**	**Aqueous**	**ICP/MS 03**	**05/02/17**	**05/03/17 17:16**	**170502SA4**
17-04-2243-3	**Matrix Spike Duplicate**	**Aqueous**	**ICP/MS 03**	**05/02/17**	**05/03/17 17:19**	**170502SA4**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium	0.01167	0.1000	0.1098	98	0.1151	103	73-133	5	0-11	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
C-1-CW03-N-17Q2	**Sample**	**Aqueous**	**GC/MS DDD**	**04/27/17**	**04/28/17 16:56**	**170427S08**
C-1-CW03-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS DDD**	**04/27/17**	**04/28/17 16:08**	**170427S08**
C-1-CW03-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS DDD**	**04/27/17**	**04/28/17 16:24**	**170427S08**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	ND	20.00	18.77	94	20.08	100	50-130	7	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-05-0457-2	**Sample**	**Aqueous**	**GC/MS UU**	**05/06/17**	**05/06/17 15:07**	**170506S005**
17-05-0457-2	**Matrix Spike**	**Aqueous**	**GC/MS UU**	**05/06/17**	**05/06/17 15:44**	**170506S005**
17-05-0457-2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS UU**	**05/06/17**	**05/06/17 16:21**	**170506S005**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	10.00	9.721	97	10.12	101	75-125	4	0-20	
Carbon Tetrachloride	ND	10.00	10.37	104	11.00	110	69-135	6	0-20	
Chlorobenzene	ND	10.00	9.910	99	10.42	104	75-125	5	0-20	
1,2-Dibromoethane	ND	10.00	10.07	101	10.70	107	75-126	6	0-20	
1,2-Dichlorobenzene	ND	10.00	10.08	101	10.74	107	75-125	6	0-20	
1,2-Dichloroethane	ND	10.00	9.838	98	10.28	103	75-127	4	0-20	
1,1-Dichloroethene	ND	10.00	10.01	100	10.47	105	66-126	4	0-20	
Ethylbenzene	ND	10.00	10.55	105	10.76	108	75-125	2	0-20	
Toluene	ND	10.00	9.880	99	10.33	103	75-125	4	0-20	
Trichloroethene	ND	10.00	9.697	97	10.06	101	75-125	4	0-20	
Vinyl Chloride	ND	10.00	9.919	99	10.87	109	52-142	9	0-20	
p/m-Xylene	ND	20.00	20.54	103	21.19	106	75-125	3	0-20	
o-Xylene	ND	10.00	10.37	104	10.76	108	75-127	4	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.717	97	10.19	102	71-131	5	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/25/17
Work Order: 17-04-1908
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
C-1-CW03-N-17Q2	**Sample**	**Aqueous**	**GC/MS FFF**	**05/05/17**	**05/05/17 11:01**	**170505S003**
C-1-CW03-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS FFF**	**05/05/17**	**05/05/17 11:32**	**170505S003**
C-1-CW03-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS FFF**	**05/05/17**	**05/05/17 12:04**	**170505S003**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	ND	10.00	8.016	80	8.551	86	66-126	6	0-20	
1,2-Dibromoethane	ND	10.00	9.626	96	9.716	97	75-126	1	0-20	
1,2-Dichlorobenzene	ND	10.00	9.409	94	9.654	97	75-125	3	0-20	
1,2-Dichloroethane	ND	10.00	9.134	91	9.339	93	75-127	2	0-20	
Benzene	ND	10.00	9.102	91	9.186	92	75-125	1	0-20	
Carbon Tetrachloride	ND	10.00	9.433	94	9.832	98	69-135	4	0-20	
Chlorobenzene	ND	10.00	9.480	95	9.602	96	75-125	1	0-20	
Ethylbenzene	ND	10.00	9.358	94	9.535	95	75-125	2	0-20	
Toluene	ND	10.00	9.174	92	9.413	94	75-125	3	0-20	
Trichloroethene	ND	10.00	9.199	92	9.424	94	75-125	2	0-20	
Vinyl Chloride	ND	10.00	10.03	100	10.30	103	52-142	3	0-20	
o-Xylene	ND	10.00	9.261	93	9.646	96	75-127	4	0-20	
p/m-Xylene	ND	20.00	18.41	92	19.06	95	75-125	3	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.469	95	9.598	96	71-131	1	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1547-5	**Sample**	**Aqueous**	**GC/MS M**	**05/02/17**	**05/02/17 12:10**	**170502S030**
17-04-1547-5	**Matrix Spike**	**Aqueous**	**GC/MS M**	**05/02/17**	**05/02/17 13:09**	**170502S030**
17-04-1547-5	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**05/02/17**	**05/02/17 13:40**	**170502S030**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.02290	114	0.02860	143	72-132	22	0-20	3,4

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
3850U-N-17Q2	**Sample**	**Aqueous**	**GC/MS M**	**05/04/17**	**05/04/17 16:37**	**170504S023**
3850U-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**05/04/17**	**05/04/17 19:48**	**170504S023**
3850U-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**05/04/17**	**05/04/17 20:18**	**170504S023**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	1.568	0.5000	2.210	128	1.928	72	72-132	14	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 3005A Filt.
		Method:	EPA 6020
Project: LMC BOU			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
17-04-2243-3	**Sample**	**Aqueous**	**ICP/MS 03**	**05/02/17 00:00**	**05/03/17 17:26**	**170502SA4**
17-04-2243-3	**PDS**	**Aqueous**	**ICP/MS 03**	**05/02/17 00:00**	**05/03/17 18:43**	**170502SA4**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Chromium	0.01167	0.1000	0.1065	95	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	N/A
		Method:	EPA 218.6
Project: LMC BOU			Page 1 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-567-240	**LCS**	**Aqueous**	**IC 16**	**N/A**	**04/25/17 19:10**	**170425L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	10.00	10.00	100	95-107	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
096-06-003-5560	**LCS**	**Aqueous**	**ICP/MS 03**	**05/02/17**	**05/03/17 17:14**	**170502LA4A**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium	0.1000	0.1065	106	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 3510C
		Method:	EPA 8270C (M) Isotope Dilution
Project: LMC BOU			Page 3 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-216-1023	**LCS**	**Aqueous**	**GC/MS DDD**	**04/27/17**	**04/28/17 15:53**	**170427L08**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	18.96	95	50-130	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 4 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4687	**LCS**	**Aqueous**	**GC/MS UU**	**05/06/17**	**05/06/17 13:17**	**170506L015**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	10.00	9.336	93	80-120	73-127	
Carbon Tetrachloride	10.00	10.33	103	80-129	72-137	
Chlorobenzene	10.00	9.716	97	80-120	73-127	
1,2-Dibromoethane	10.00	10.07	101	80-120	73-127	
1,2-Dichlorobenzene	10.00	10.05	101	80-120	73-127	
1,2-Dichloroethane	10.00	9.782	98	80-122	73-129	
1,1-Dichloroethene	10.00	9.275	93	77-120	70-127	
Ethylbenzene	10.00	9.964	100	80-120	73-127	
Toluene	10.00	9.478	95	80-120	73-127	
Trichloroethene	10.00	9.401	94	80-120	73-127	
Vinyl Chloride	10.00	9.328	93	63-135	51-147	
p/m-Xylene	20.00	19.64	98	80-120	73-127	
o-Xylene	10.00	9.983	100	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	9.464	95	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 5 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4683	**LCS**	**Aqueous**	**GC/MS FFF**	**05/05/17**	**05/05/17 09:26**	**170505L003**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	8.192	82	77-120	70-127	
1,2-Dibromoethane	10.00	9.132	91	80-120	73-127	
1,2-Dichlorobenzene	10.00	9.539	95	80-120	73-127	
1,2-Dichloroethane	10.00	9.204	92	80-122	73-129	
Benzene	10.00	8.806	88	80-120	73-127	
Carbon Tetrachloride	10.00	8.809	88	80-129	72-137	
Chlorobenzene	10.00	9.346	93	80-120	73-127	
Ethylbenzene	10.00	9.267	93	80-120	73-127	
Toluene	10.00	9.267	93	80-120	73-127	
Trichloroethene	10.00	8.964	90	80-120	73-127	
Vinyl Chloride	10.00	9.828	98	63-135	51-147	
o-Xylene	10.00	9.522	95	80-120	73-127	
p/m-Xylene	20.00	18.80	94	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	8.968	90	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-497	**LCS**	**Aqueous**	**GC/MS M**	**05/02/17**	**05/02/17 10:40**	**170502L048**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.01880	94	72-132	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/25/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1908
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-498	**LCS**	**Aqueous**	**GC/MS M**	**05/04/17**	**05/04/17 15:07**	**170504L054**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.01720	86	72-132	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-04-1908 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 218.6	N/A	1065	IC 16	1
EPA 6020	EPA 3020A Total	598	ICP/MS 03	1
EPA 8260B	EPA 5030C	996	GC/MS UU	2
EPA 8260B	EPA 5030C	996	GC/MS FFF	2
EPA 8260B SIM	EPA 5030C	486	GC/MS M	2
EPA 8270C (M) Isotope Dilution	EPA 3510C	928	GC/MS DDD	1

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Glossary of Terms and Qualifiers

Work Order: 17-04-1908 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

Date 4/25/2017
Page 1 of 1

WO NO. / LAB USE ONLY
17-04-1908

LABORATORY CLIENT: TerraTech INC
ADDRESS: 3011 Vanderbilt Way Suite 450
CITY: San Bernardino STATE: CA ZIP: 92408
TEL: 909-381-1674 E-MAIL:

CLIENT PROJECT NAME / NO.: LMC Bau
PROJECT CONTACT: Robert Sabaters
GLOBAL ID: LOG CODE:
P.O. NO.: 100-380-T35076 GWMD
LAB CONTACT OR QUOTE NO.:
SAMPLER(S): (PRINT): Jason Cole Vanessa Calder

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD
☐ GEOLT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH/gas ☐ GRO	TPH/dsl ☐ DRO	TPH ☐ C8-C36 ☐ C8-C44	TPH	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5030) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/7471A ☐ 6020/7471A	CAM17 ☐ 7196 ☐ 218.6	1,4 D	Hex Cr	TCLP / Mg, Mn, Ni	1,2,3 TCP
1	C-1-GW03-N-1702	4-25-17	1418	W	13	✓	✓							5									1	1	-	5
2	SW-1-N-1702	4-25-17	0822	W	13	✓	✓							5									1	1	-	5
3	LTB-20170425	4/25/17	0630	W	3		✓							2												
4	3850U-N-1702	4/25/17	1109	W	13	✓	✓							5									1	1	1	5
5	B-6 GW06-N-1702	4/25/17	1441	W	13	✓	✓							5									1	1	1	5

Relinquished by: (Signature)	Received by: (Signature/Affiliation) EC4	Date: 4-25-2017	Time: 1630
Relinquished by: (Signature)	Received by: (Signature/Affiliation) EC4	Date: 04/25/17	Time: 1830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2016-04-01-Revision

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WORK ORDER NUMBER: 17-04- 1908

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: TETRA TECH

DATE: 04 / 25 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC (CF: 0.0°C); Temperature (w/o CF): 3.2 °C (w/ CF): 3.2 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 804

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 804

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 170328A)

Aqueous: ☐ VOA ☑ VOAh (10) ☐ VOAna$_2$ ☐ 100PJ ☐ 100PJna$_2$ ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☐ 250PBn ☑ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna$_2$ ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO_3, na = NaOH, na$_2$ = $Na_2S_2O_3$, p = H_3PO_4, s = H_2SO_4, u = ultra-pure, x = Na_2SO_3+$NaHSO_4.H_2O$, znna = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1017

Reviewed by: 684

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WORK ORDER NUMBER: 17-04-1778

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Tetra Tech, Inc.

Client Project Name: LMC BOU

Attention: Robert Sabater
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Vikas Patel

Approved for release on 05/10/2017 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 17-04-1778

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Work Order Narrative

Work Order: 17-04-1778 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/24/17. They were assigned to Work Order 17-04-1778.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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QC Association Summary

Work Order: 17-04-1778 Page 1 of 1

Client Sample ID	Method Name	Type	Ext Name	Instrument	MS/MSD/SDP	LCS/LCSD
LTB-20170424	EPA 8260B Volatile Organics		EPA 5030C	GC/MS L	170504S018	170504L022
LTB-20170424	EPA 8260B SIM Emergent Volatiles		EPA 5030C	GC/MS M	170501S019	170501L036
B-1-CW25-N-17Q2	EPA 218.6 Hexavalent Chromium Low Level		N/A	IC 16	170424S01	170424L01
B-1-CW25-N-17Q2	EPA 6020 ICP/MS Metals		EPA 3020A Total	ICP/MS 03	170426SA1	170426LA1
B-1-CW25-N-17Q2	EPA 8260B Volatile Organics		EPA 5030C	GC/MS L	170504S018	170504L022
B-1-CW25-N-17Q2	EPA 8260B Volatile Organics	R	EPA 5030C	GC/MS L	170504S018	170504L022
B-1-CW25-N-17Q2	EPA 8260B SIM Emergent Volatiles		EPA 5030C	GC/MS M	170426S017	170426L041
B-1-CW25-N-17Q2	1,4-Dioxane by EPA 8270C (M) Isotope Dilution		EPA 3510C	GC/MS DDD	170425S04	170425L04
B-1-CW25-FD-17Q2	EPA 218.6 Hexavalent Chromium Low Level		N/A	IC 16	170424S01	170424L01
B-1-CW25-FD-17Q2	EPA 6020 ICP/MS Metals		EPA 3020A Total	ICP/MS 03	170426SA1	170426LA1
B-1-CW25-FD-17Q2	EPA 8260B Volatile Organics		EPA 5030C	GC/MS L	170504S018	170504L022
B-1-CW25-FD-17Q2	EPA 8260B Volatile Organics	R	EPA 5030C	GC/MS L	170504S018	170504L022
B-1-CW25-FD-17Q2	EPA 8260B SIM Emergent Volatiles		EPA 5030C	GC/MS M	170426S017	170426L041
B-1-CW25-FD-17Q2	1,4-Dioxane by EPA 8270C (M) Isotope Dilution		EPA 3510C	GC/MS DDD	170425S04	170425L04
B-6-CW10-N-17Q2	EPA 218.6 Hexavalent Chromium Low Level		N/A	IC 16	170424S01	170424L01
B-6-CW10-N-17Q2	EPA 6020 ICP/MS Metals		EPA 3020A Total	ICP/MS 03	170426SA1	170426LA1
B-6-CW10-N-17Q2	EPA 8260B Volatile Organics		EPA 5030C	GC/MS L	170504S018	170504L022
B-6-CW10-N-17Q2	EPA 8260B SIM Emergent Volatiles		EPA 5030C	GC/MS M	170501S019	170501L036
B-6-CW10-N-17Q2	1,4-Dioxane by EPA 8270C (M) Isotope Dilution		EPA 3510C	GC/MS DDD	170425S04	170425L04

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R = Rerun

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-1778
Project Name: LMC BOU
Received: 04/24/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
B-1-CW25-N-17Q2 (17-04-1778-2)						
Chromium, Hexavalent	3.8		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00801		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.92		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	0.62		0.50	ug/L	EPA 8260B	EPA 5030C
Acetone	4.1	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Chloroform	2.6		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	19		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	72		2.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.022		0.0050	ug/L	EPA 8260B SIM	EPA 5030C
B-1-CW25-FD-17Q2 (17-04-1778-3)						
Chromium, Hexavalent	3.8		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00793		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.82		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	0.51		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	2.1		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	15		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	72		2.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.022		0.0050	ug/L	EPA 8260B SIM	EPA 5030C
B-6-CW10-N-17Q2 (17-04-1778-4)						
Chromium, Hexavalent	0.28		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00255		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.34	J	0.24*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.86	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.50	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	1.7		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	30		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	13		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.35	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	1.5		0.12	ug/L	EPA 8260B SIM	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW25-N-17Q2	**17-04-1778-2-G**	**04/24/17 11:29**	**Aqueous**	**IC 16**	**N/A**	**04/24/17 22:22**	**170424L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	3.8	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW25-FD-17Q2	**17-04-1778-3-G**	**04/24/17 11:29**	**Aqueous**	**IC 16**	**N/A**	**04/24/17 22:33**	**170424L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	3.8	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW10-N-17Q2	**17-04-1778-4-K**	**04/24/17 15:46**	**Aqueous**	**IC 16**	**N/A**	**04/24/17 22:45**	**170424L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.28	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-567-239**	**N/A**	**Aqueous**	**IC 16**	**N/A**	**04/24/17 20:19**	**170424L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW25-N-17Q2	**17-04-1778-2-I**	**04/24/17 11:29**	**Aqueous**	**ICP/MS 03**	**04/26/17**	**04/27/17 13:04**	**170426LA1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00801	0.00100	0.000402	1.00	

B-1-CW25-FD-17Q2	**17-04-1778-3-H**	**04/24/17 11:29**	**Aqueous**	**ICP/MS 03**	**04/26/17**	**04/27/17 13:06**	**170426LA1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00793	0.00100	0.000402	1.00	

B-6-CW10-N-17Q2	**17-04-1778-4-L**	**04/24/17 15:46**	**Aqueous**	**ICP/MS 03**	**04/26/17**	**04/27/17 13:09**	**170426LA1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00255	0.00100	0.000402	1.00	

Method Blank	**096-06-003-5550**	**N/A**	**Aqueous**	**ICP/MS 03**	**04/26/17**	**04/27/17 12:56**	**170426LA1**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	ND	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW25-N-17Q2	**17-04-1778-2-K**	**04/24/17 11:29**	**Aqueous**	**GC/MS DDD**	**04/25/17**	**04/26/17 04:18**	**170425L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	104	56-123	
1,4-Dioxane-d8(IDS-IS)	38	30-120	

B-1-CW25-FD-17Q2	**17-04-1778-3-I**	**04/24/17 11:29**	**Aqueous**	**GC/MS DDD**	**04/25/17**	**04/26/17 04:33**	**170425L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	88	56-123	
1,4-Dioxane-d8(IDS-IS)	42	30-120	

B-6-CW10-N-17Q2	**17-04-1778-4-M**	**04/24/17 15:46**	**Aqueous**	**GC/MS DDD**	**04/25/17**	**04/26/17 04:49**	**170425L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	81	56-123	
1,4-Dioxane-d8(IDS-IS)	41	30-120	

Method Blank	**099-16-216-1019**	**N/A**	**Aqueous**	**GC/MS DDD**	**04/25/17**	**04/26/17 00:49**	**170425L04**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	117	56-123	
1,4-Dioxane-d8(IDS-IS)	42	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170424	**17-04-1778-1-A**	**04/24/17 07:00**	**Aqueous**	**GC/MS L**	**05/04/17**	**05/04/17 20:44**	**170504L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1778
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 2 of 15

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	90	68-120	
Dibromofluoromethane	107	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1778
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 3 of 15

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	109	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW25-N-17Q2	**17-04-1778-2-A**	**04/24/17 11:29**	**Aqueous**	**GC/MS L**	**05/04/17**	**05/04/17 17:38**	**170504L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.92	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.62	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	4.1	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	2.6	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	19	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	89	68-120	
Dibromofluoromethane	106	80-127	
1,2-Dichloroethane-d4	105	80-128	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1778
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 6 of 15

Surrogate	Rec. (%)	Control Limits	Qualifiers
Toluene-d8	102	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW25-N-17Q2	**17-04-1778-2-B**	**04/24/17 11:29**	**Aqueous**	**GC/MS L**	**05/04/17**	**05/04/17 19:43**	**170504L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Tetrachloroethene	72	2.0	0.80	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	90	68-120	
Dibromofluoromethane	105	80-127	
1,2-Dichloroethane-d4	108	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW25-FD-17Q2	**17-04-1778-3-A**	**04/24/17 11:29**	**Aqueous**	**GC/MS L**	**05/04/17**	**05/04/17 18:12**	**170504L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.82	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.51	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	2.1	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	15	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	89	68-120	
Dibromofluoromethane	104	80-127	
1,2-Dichloroethane-d4	101	80-128	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1778
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 9 of 15

Surrogate	Rec. (%)	Control Limits	Qualifiers
Toluene-d8	100	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW25-FD-17Q2	**17-04-1778-3-B**	**04/24/17 11:29**	**Aqueous**	**GC/MS L**	**05/04/17**	**05/04/17 20:14**	**170504L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Tetrachloroethene	72	2.0	0.80	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	88	68-120	
Dibromofluoromethane	107	80-127	
1,2-Dichloroethane-d4	110	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1778
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 10 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW10-N-17Q2	**17-04-1778-4-A**	**04/24/17 15:46**	**Aqueous**	**GC/MS L**	**05/04/17**	**05/04/17 17:08**	**170504L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.34	0.50	0.24	1.00	J
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	0.86	1.0	0.40	1.00	J
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.50	0.50	0.20	1.00	J
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	1.7	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	30	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	13	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.35	0.50	0.20	1.00	J
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	88	68-120	
Dibromofluoromethane	105	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1778
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 12 of 15

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	95	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4680**	**N/A**	**Aqueous**	**GC/MS L**	**05/04/17**	**05/04/17 16:26**	**170504L022**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1778
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 14 of 15

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	89	68-120	
Dibromofluoromethane	101	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1778
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 15 of 15

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	106	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170424	**17-04-1778-1-C**	**04/24/17 07:00**	**Aqueous**	**GC/MS M**	**05/01/17**	**05/01/17 12:42**	**170501L036**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	99	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW25-N-17Q2	**17-04-1778-2-D**	**04/24/17 11:29**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/27/17 03:26**	**170426L041**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.022	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	120	67-133	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW25-FD-17Q2	**17-04-1778-3-D**	**04/24/17 11:29**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/27/17 03:56**	**170426L041**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.022	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	120	67-133	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW10-N-17Q2	**17-04-1778-4-G**	**04/24/17 15:46**	**Aqueous**	**GC/MS M**	**05/01/17**	**05/01/17 13:11**	**170501L036**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	1.5	0.12	0.062	25.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	119	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-495**	**N/A**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 21:59**	**170426L041**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	108	67-133	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-496**	**N/A**	**Aqueous**	**GC/MS M**	**05/01/17**	**05/01/17 12:11**	**170501L036**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	91	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.	Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1778
San Bernardino, CA 92408-3562	Preparation:	N/A
	Method:	EPA 218.6
Project: LMC BOU		Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1764-4	**Sample**	**Aqueous**	**IC 16**	**N/A**	**04/24/17 21:04**	**170424S01**
17-04-1764-4	**Matrix Spike**	**Aqueous**	**IC 16**	**N/A**	**04/24/17 21:37**	**170424S01**
17-04-1764-4	**Matrix Spike Duplicate**	**Aqueous**	**IC 16**	**N/A**	**04/24/17 21:49**	**170424S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	10.42	10.00	20.94	105	20.71	103	85-121	1	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.	Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1778
San Bernardino, CA 92408-3562	Preparation:	EPA 3020A Total
	Method:	EPA 6020
Project: LMC BOU		Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1676-4	**Sample**	**Aqueous**	**ICP/MS 03**	**04/26/17**	**04/27/17 13:34**	**170426SA1**
17-04-1676-4	**Matrix Spike**	**Aqueous**	**ICP/MS 03**	**04/26/17**	**04/27/17 13:24**	**170426SA1**
17-04-1676-4	**Matrix Spike Duplicate**	**Aqueous**	**ICP/MS 03**	**04/26/17**	**04/27/17 13:26**	**170426SA1**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium	ND	0.1000	0.09415	94	0.09830	98	73-133	4	0-11	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1707-7	**Sample**	**Aqueous**	**GC/MS DDD**	**04/25/17**	**04/26/17 01:53**	**170425S04**
17-04-1707-7	**Matrix Spike**	**Aqueous**	**GC/MS DDD**	**04/25/17**	**04/26/17 01:21**	**170425S04**
17-04-1707-7	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS DDD**	**04/25/17**	**04/26/17 01:37**	**170425S04**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	ND	20.00	20.54	103	19.77	99	50-130	4	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-6-CW10-N-17Q2	**Sample**	**Aqueous**	**GC/MS L**	**05/04/17**	**05/04/17 17:08**	**170504S018**
B-6-CW10-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS L**	**05/04/17**	**05/04/17 18:42**	**170504S018**
B-6-CW10-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**05/04/17**	**05/04/17 19:13**	**170504S018**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	ND	10.00	7.749	77	8.407	84	66-126	8	0-20	
1,2-Dibromoethane	ND	10.00	8.802	88	8.557	86	75-126	3	0-20	
1,2-Dichlorobenzene	ND	10.00	9.070	91	8.814	88	75-125	3	0-20	
1,2-Dichloroethane	ND	10.00	8.651	87	8.545	85	75-127	1	0-20	
Benzene	ND	10.00	8.155	82	8.298	83	75-125	2	0-20	
Carbon Tetrachloride	ND	10.00	7.690	77	8.251	83	69-135	7	0-20	
Chlorobenzene	ND	10.00	8.471	85	8.368	84	75-125	1	0-20	
Ethylbenzene	ND	10.00	8.664	87	8.700	87	75-125	0	0-20	
Toluene	ND	10.00	8.425	84	8.424	84	75-125	0	0-20	
Trichloroethene	13.48	10.00	24.56	111	24.52	110	75-125	0	0-20	
Vinyl Chloride	ND	10.00	10.93	109	11.14	111	52-142	2	0-20	
o-Xylene	ND	10.00	8.793	88	8.773	88	75-127	0	0-20	
p/m-Xylene	ND	20.00	17.19	86	17.16	86	75-125	0	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	8.639	86	8.826	88	71-131	2	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1778
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1918-1	**Sample**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 22:28**	**170426S017**
17-04-1918-1	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 22:58**	**170426S017**
17-04-1918-1	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 23:28**	**170426S017**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.01900	95	0.01960	98	55-135	3	0-30	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1778
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-6-CW10-N-17Q2	**Sample**	**Aqueous**	**GC/MS M**	**05/01/17**	**05/01/17 13:11**	**170501S019**
B-6-CW10-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**05/01/17**	**05/01/17 14:11**	**170501S019**
B-6-CW10-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**05/01/17**	**05/01/17 14:41**	**170501S019**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	1.472	0.5000	2.358	177	1.915	88	72-132	21	0-20	3,4

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Tetra Tech, Inc.		Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1778
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
17-04-1676-4	**Sample**	**Aqueous**	**ICP/MS 03**	**04/26/17 00:00**	**04/27/17 13:34**	**170426SA1**
17-04-1676-4	**PDS**	**Aqueous**	**ICP/MS 03**	**04/26/17 00:00**	**04/27/17 13:29**	**170426SA1**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Chromium	ND	0.1000	0.09897	99	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1778
San Bernardino, CA 92408-3562		Preparation:	N/A
		Method:	EPA 218.6
Project: LMC BOU			Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-567-239	**LCS**	**Aqueous**	**IC 16**	**N/A**	**04/24/17 20:30**	**170424L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	10.00	10.13	101	95-107	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.	Date Received: 04/24/17
301 E. Vanderbilt Way, Suite 450	Work Order: 17-04-1778
San Bernardino, CA 92408-3562	Preparation: EPA 3020A Total
	Method: EPA 6020
Project: LMC BOU	Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
096-06-003-5550	**LCS**	**Aqueous**	**ICP/MS 03**	**04/26/17**	**04/27/17 12:58**	**170426LA1**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium	0.1000	0.1054	105	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1778
San Bernardino, CA 92408-3562		Preparation:	EPA 3510C
		Method:	EPA 8270C (M) Isotope Dilution
Project: LMC BOU			Page 3 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-216-1019	**LCS**	**Aqueous**	**GC/MS DDD**	**04/25/17**	**04/26/17 01:05**	**170425L04**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	19.08	95	50-130	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1778
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 4 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4680	**LCS**	**Aqueous**	**GC/MS L**	**05/04/17**	**05/04/17 15:25**	**170504L022**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	10.72	107	77-120	70-127	
1,2-Dibromoethane	10.00	10.12	101	80-120	73-127	
1,2-Dichlorobenzene	10.00	10.11	101	80-120	73-127	
1,2-Dichloroethane	10.00	9.762	98	80-122	73-129	
Benzene	10.00	9.952	100	80-120	73-127	
Carbon Tetrachloride	10.00	9.516	95	80-129	72-137	
Chlorobenzene	10.00	9.862	99	80-120	73-127	
Ethylbenzene	10.00	10.56	106	80-120	73-127	
Toluene	10.00	10.06	101	80-120	73-127	
Trichloroethene	10.00	10.14	101	80-120	73-127	
Vinyl Chloride	10.00	9.284	93	63-135	51-147	
o-Xylene	10.00	10.42	104	80-120	73-127	
p/m-Xylene	20.00	21.09	105	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	10.11	101	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/24/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1778
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-495	**LCS**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 20:59**	**170426L041**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02030	102	72-132	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/24/17
Work Order: 17-04-1778
Preparation: EPA 5030C
Method: EPA 8260B SIM
Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-118-496	**LCS**	**Aqueous**	**GC/MS M**	**05/01/17**	**05/01/17 10:42**	**170501L036**
099-15-118-496	**LCSD**	**Aqueous**	**GC/MS M**	**05/01/17**	**05/01/17 11:12**	**170501L036**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.01890	94	0.02180	109	72-132	14	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-04-1778 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 218.6	N/A	834	IC 16	1
EPA 6020	EPA 3020A Total	598	ICP/MS 03	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B SIM	EPA 5030C	486	GC/MS M	2
EPA 8270C (M) Isotope Dilution	EPA 3510C	928	GC/MS DDD	1

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Glossary of Terms and Qualifiers

Work Order: 17-04-1778 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us2B_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

Date: 04/24/17
Page: ___ of ___

WO NO. / LAB USE ONLY: **17-04-1778**

LABORATORY CLIENT: Tetra Tech Inc.
ADDRESS: 250 E. Vanderbilt Way Suite 450
CITY: San Bernardino STATE: CA ZIP: 92408
TEL: 909-381-1674 EMAIL: Robert.Salcator@tetratech.com

CLIENT PROJECT NAME / NO.: BDV
PROJECT CONTACT: Robert Salcator
P.O. NO.: 100-580-T35076
LAB CONTACT OR QUOTE NO.:
GLOBAL ID: LOG CODE:
SAMPLER(S) (PRINT): Jason Cook Vanessa Gibb

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD
☐ GEOLT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blanks as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO	TPH ☐ C8-C36 ☐ C5-C44	TPH _____	BTEX / MTBE ☐ 8260 ☐ _____	VOCs (8260)	Oxygenates (8260)	Prep (5030) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/7473X	CAM ☐ 7196 ☐ 7199 ☐ 2189	1,4-Dioxane	Ethyl Alcohol	Methanol	1,2,3-TCP
1	BTB-GW-17-04-24	04/24/17	0700	W	3		✓																1	1	1	
2	B-T-GW-25-N-1792	4/24/17	1129	W	13	✓	✓																1	1	1	
3	B-T-GW-25-FD-1793	4/24/17	1129	W	0739	✓	✓																1	1	1	
4	B-6-GW-10-N-1794	4/24/17	1546	W	0839	✓	✓																1	1	1	

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
	ECI	04/24/17	1632
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
	ECI	04/24/17	1820
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2016-04-01-Revision

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WORK ORDER NUMBER: 17-04- 1778

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: TETRA TECH

DATE: 04 / 24 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC (CF: 0.0°C); Temperature (w/o CF): 3.0 °C (w/ CF): 3.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 804

CUSTODY SEAL:

Cooler ☐ Present and intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 804

Sample(s) ☐ Present and intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 689

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☐	☑	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 170328A)

Aqueous: ☐ VOA ☑ VOAh ☐ VOAna_2 ☐ 100PJ ☐ 100PJna_2 ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☑ 250PBn ☑ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna_2 ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (____) ☐ EnCores® (____) ☐ TerraCores® (____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ Other Matrix (_____); ☐ _____ ☐ _____

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO_3, na = NaOH, na_2 = $Na_2S_2O_3$, p = H_3PO_4, s = H_2SO_4, u = ultra-pure, x = Na_2SO_3-$NaHSO_3$-H_2O, znna = Zn (CH_3CO_2)$_2$ + NaOH

Labeled/Checked by: 689

Reviewed by: 689

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WORK ORDER NUMBER: 17-04- 1778

SAMPLE ANOMALY REPORT

DATE: 04 / 24 / 2017

SAMPLES, CONTAINERS, AND LABELS:

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or EC- sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☑ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☐ Client sample ID
  - ☐ Sampling date and/or time
  - ☑ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into EC Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request

Comments

(-2) Received 9 containers instead of 13
6 - VOA w/HCl
1 - 250ml poly
1 - 250 ml w/HNO3
1 - 500ml amber glass bottle

(-4) Received 13 containers instead of 9
10 - VOA w/HCl
1 - 250ml poly
1 - 250ml poly w/HNO3
1 - 500ml amber glass bottle

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

EDF Sample ID	EDF Container ID	Total Number**	EDF Sample ID	EDF Container ID	Total Number**

(Containers with bubble for other analysis)

EDF Sample ID	EDF Container ID	Total Number**	Requested Analysis

Comments: _____

Reported by: BM

Reviewed by: BM

** Record the total number of containers (i.e. vials or bottles) for the affected sample.

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WORK ORDER NUMBER: 17-04-1160

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Tetra Tech, Inc.

Client Project Name: LMC BOU

Attention: Robert Sabater
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Approved for release on 05/05/2017 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 17-04-1160

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Work Order Narrative

Work Order: 17-04-1160 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/14/17. They were assigned to Work Order 17-04-1160.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Detections Summary

Client:	Tetra Tech, Inc.	Work Order:	17-04-1160
	301 E. Vanderbilt Way, Suite 450	Project Name:	LMC BOU
	San Bernardino, CA 92408-3562	Received:	04/14/17
Attn:	Robert Sabater		Page 1 of 1

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
4948-N-17Q2 (17-04-1160-2)						
Chromium, Hexavalent	0.82		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00503		0.00100	mg/L	EPA 6020	EPA 3020A Total
Chloroform	0.33	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	3.8		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	1.3		0.50	ug/L	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/14/17
Work Order: 17-04-1160
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
4948-N-17Q2	**17-04-1160-2-L**	**04/14/17 09:13**	**Aqueous**	**IC 16**	**N/A**	**04/14/17 20:45**	**170414L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.82	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-567-238**	**N/A**	**Aqueous**	**IC 16**	**N/A**	**04/14/17 17:12**	**170414L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/14/17
Work Order: 17-04-1160
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
4948-N-17Q2	**17-04-1160-2-M**	**04/14/17 09:13**	**Aqueous**	**ICP/MS 03**	**04/18/17**	**04/20/17 03:15**	**170418LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00503	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**096-06-003-5531**	**N/A**	**Aqueous**	**ICP/MS 03**	**04/18/17**	**04/20/17 00:05**	**170418LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	ND	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/14/17
Work Order: 17-04-1160
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
4948-N-17Q2	**17-04-1160-2-K**	**04/14/17 09:13**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/18/17 00:39**	**170417L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	98	56-123	
1,4-Dioxane-d8(IDS-IS)	35	30-120	

Method Blank	099-16-216-1013	N/A	Aqueous	GC/MS DDD	04/17/17	04/17/17 22:32	170417L10

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	115	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/14/17
Work Order: 17-04-1160
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170414	**17-04-1160-1-A**	**04/14/17 06:00**	**Aqueous**	**GC/MS L**	**04/26/17**	**04/27/17 02:27**	**170426L056**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/14/17
Work Order: 17-04-1160
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-120	
Dibromofluoromethane	101	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1160
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 3 of 9

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	109	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1160
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 4 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
4948-N-17Q2	**17-04-1160-2-D**	**04/14/17 09:13**	**Aqueous**	**GC/MS L**	**04/26/17**	**04/27/17 02:58**	**170426L056**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/14/17
Work Order: 17-04-1160
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.33	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	3.8	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	1.3	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-120	
Dibromofluoromethane	103	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1160
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 6 of 9

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	111	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/14/17
Work Order: 17-04-1160
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4657**	**N/A**	**Aqueous**	**GC/MS L**	**04/26/17**	**04/26/17 23:24**	**170426L056**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1160
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 8 of 9

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	100	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1160
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 9 of 9

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	111	80-128	
Toluene-d8	103	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/14/17
Work Order: 17-04-1160
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170414	**17-04-1160-1-C**	**04/14/17 06:00**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/25/17 02:02**	**170424L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	120	67-133	

4948-N-17Q2	**17-04-1160-2-F**	**04/14/17 09:13**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/25/17 02:31**	**170424L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	117	67-133	

Method Blank	**099-15-118-493**	**N/A**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 23:32**	**170424L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	101	67-133	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/14/17
Work Order: 17-04-1160
Preparation: N/A
Method: EPA 218.6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
4948-N-17Q2	**Sample**	**Aqueous**	**IC 16**	**N/A**	**04/14/17 20:45**	**170414S01**
4948-N-17Q2	**Matrix Spike**	**Aqueous**	**IC 16**	**N/A**	**04/14/17 20:56**	**170414S01**
4948-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**IC 16**	**N/A**	**04/14/17 21:07**	**170414S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	0.8210	10.00	10.84	100	10.60	98	85-121	2	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1160
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0841-2	**Sample**	**Aqueous**	**ICP/MS 03**	**04/18/17**	**04/24/17 13:21**	**170418SA3**
17-04-0841-2	**Matrix Spike**	**Aqueous**	**ICP/MS 03**	**04/18/17**	**04/24/17 12:57**	**170418SA3**
17-04-0841-2	**Matrix Spike Duplicate**	**Aqueous**	**ICP/MS 03**	**04/18/17**	**04/24/17 13:00**	**170418SA3**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium	0.001945	0.1000	0.1007	99	0.1020	100	73-133	1	0-11	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/14/17
Work Order: 17-04-1160
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1061-4	**Sample**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/18/17 00:08**	**170417S10**
17-04-1061-4	**Matrix Spike**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/17/17 23:04**	**170417S10**
17-04-1061-4	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/17/17 23:19**	**170417S10**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	ND	20.00	20.47	102	20.26	101	50-130	1	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/14/17
Work Order: 17-04-1160
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1200-2	**Sample**	**Aqueous**	**GC/MS L**	**04/26/17**	**04/27/17 00:25**	**170426S026**
17-04-1200-2	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/26/17**	**04/27/17 00:55**	**170426S026**
17-04-1200-2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/26/17**	**04/27/17 01:26**	**170426S026**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1,1,2-Tetrachloroethane	ND	10.00	9.359	94	9.716	97	75-127	4	0-20	
1,1,1-Trichloroethane	ND	10.00	8.908	89	9.474	95	72-132	6	0-20	
1,1,2,2-Tetrachloroethane	ND	10.00	8.965	90	9.231	92	75-132	3	0-20	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10.00	8.374	84	8.329	83	70-130	1	0-20	
1,1,2-Trichloroethane	ND	10.00	9.468	95	9.712	97	75-125	3	0-20	
1,1-Dichloroethane	1.297	10.00	9.519	82	10.06	88	68-128	6	0-20	
1,1-Dichloroethene	ND	10.00	9.051	91	9.477	95	66-126	5	0-20	
1,1-Dichloropropene	ND	10.00	8.891	89	9.473	95	74-134	6	0-20	
1,2,3-Trichlorobenzene	ND	10.00	8.835	88	9.357	94	75-125	6	0-20	
1,2,3-Trichloropropane	ND	10.00	8.374	84	8.581	86	75-125	2	0-20	
1,2,4-Trichlorobenzene	ND	10.00	8.937	89	9.348	93	75-125	4	0-20	
1,2,4-Trimethylbenzene	ND	10.00	8.160	82	8.503	85	75-125	4	0-20	
1,2-Dibromo-3-Chloropropane	ND	10.00	7.688	77	7.870	79	75-127	2	0-20	
1,2-Dibromoethane	ND	10.00	9.384	94	9.506	95	75-126	1	0-20	
1,2-Dichlorobenzene	ND	10.00	9.244	92	9.592	96	75-125	4	0-20	
1,2-Dichloroethane	ND	10.00	10.31	103	10.67	107	75-127	3	0-20	
1,2-Dichloropropane	ND	10.00	9.233	92	9.609	96	75-125	4	0-20	
1,3,5-Trimethylbenzene	ND	10.00	9.536	95	9.831	98	75-127	3	0-20	
1,3-Dichlorobenzene	ND	10.00	9.058	91	9.471	95	75-126	4	0-20	
1,3-Dichloropropane	ND	10.00	9.464	95	9.723	97	75-125	3	0-20	
1,4-Dichlorobenzene	ND	10.00	9.001	90	9.434	94	75-125	5	0-20	
2,2-Dichloropropane	ND	10.00	6.906	69	7.363	74	52-160	6	0-20	
2-Butanone	ND	10.00	7.714	77	7.275	73	20-180	6	0-40	
2-Chlorotoluene	ND	10.00	9.652	97	10.08	101	75-128	4	0-20	
2-Hexanone	ND	10.00	7.843	78	8.046	80	74-122	3	0-20	
4-Chlorotoluene	ND	10.00	9.018	90	9.490	95	75-125	5	0-20	
4-Methyl-2-Pentanone	ND	10.00	8.402	84	8.634	86	65-137	3	0-20	
Acetone	ND	10.00	9.629	96	9.581	96	20-180	1	0-52	
Benzene	ND	10.00	9.172	92	9.748	97	75-125	6	0-20	
Bromobenzene	ND	10.00	9.717	97	10.17	102	75-125	5	0-20	
Bromochloromethane	ND	10.00	9.293	93	9.641	96	75-128	4	0-20	
Bromodichloromethane	ND	10.00	9.480	95	9.961	100	75-125	5	0-20	
Bromoform	ND	10.00	6.207	62	6.494	65	71-137	5	0-20	
Bromomethane	ND	10.00	11.77	118	11.89	119	37-181	1	0-22	
Carbon Disulfide	ND	10.00	7.886	79	9.216	92	58-136	16	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/14/17
Work Order: 17-04-1160
Preparation: EPA 5030C
Method: EPA 8260B

Project: LMC BOU

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Carbon Tetrachloride	ND	10.00	7.749	77	8.430	84	69-135	8	0-20	
Chlorobenzene	ND	10.00	9.604	96	9.915	99	75-125	3	0-20	
Chloroethane	ND	10.00	9.539	95	10.42	104	20-180	9	0-20	
Chloroform	0.9824	10.00	10.10	91	10.48	95	75-128	4	0-20	
Chloromethane	ND	10.00	6.431	64	7.072	71	41-149	9	0-20	
Dibromochloromethane	ND	10.00	8.730	87	9.084	91	75-125	4	0-20	
Dibromomethane	ND	10.00	9.499	95	9.910	99	75-129	4	0-20	
Dichlorodifluoromethane	3.404	10.00	12.95	95	12.20	88	28-172	6	0-20	
Ethylbenzene	ND	10.00	9.328	93	9.803	98	75-125	5	0-20	
Isopropylbenzene	ND	10.00	9.616	96	10.11	101	75-130	5	0-20	
Methylene Chloride	ND	10.00	9.420	94	9.923	99	74-128	5	0-20	
Naphthalene	ND	10.00	8.067	81	8.528	85	75-136	6	0-20	
Styrene	ND	10.00	7.930	79	8.340	83	28-166	5	0-30	
Tetrachloroethene	4.395	10.00	13.26	89	13.42	90	58-124	1	0-20	
Toluene	ND	10.00	9.503	95	9.936	99	75-125	4	0-20	
t-1,2-Dichloroethene	ND	10.00	9.246	92	8.976	90	73-133	3	0-20	
Trichloroethene	11.95	10.00	20.93	90	21.41	95	75-125	2	0-20	
Trichlorofluoromethane	0.5224	10.00	12.28	118	11.61	111	68-134	6	0-20	
Vinyl Acetate	ND	10.00	7.555	76	7.381	74	65-137	2	0-20	
Vinyl Chloride	ND	10.00	10.55	105	11.05	110	52-142	5	0-20	
c-1,3-Dichloropropene	ND	10.00	7.737	77	8.132	81	75-128	5	0-20	
c-1,2-Dichloroethene	0.5382	10.00	9.071	85	9.445	89	75-130	4	0-20	
n-Butylbenzene	ND	10.00	9.013	90	9.434	94	75-125	5	0-20	
n-Propylbenzene	ND	10.00	9.672	97	10.02	100	75-129	3	0-20	
o-Xylene	ND	10.00	9.436	94	9.852	99	75-127	4	0-20	
p-Isopropyltoluene	ND	10.00	9.173	92	9.538	95	75-125	4	0-20	
sec-Butylbenzene	ND	10.00	9.209	92	9.687	97	75-129	5	0-20	
t-1,3-Dichloropropene	ND	10.00	7.621	76	8.074	81	75-125	6	0-20	
tert-Butylbenzene	ND	10.00	9.555	96	10.04	100	75-129	5	0-20	
p/m-Xylene	ND	20.00	18.73	94	19.63	98	75-125	5	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	8.902	89	8.410	84	71-131	6	0-20	
Hexachloro-1,3-Butadiene	ND	10.00	9.932	99	9.947	99	75-129	0	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1160
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1061-4	**Sample**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/25/17 00:02**	**170424S012**
17-04-1061-4	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/25/17 00:32**	**170424S012**
17-04-1061-4	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/25/17 01:02**	**170424S012**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	0.6449	0.02000	0.7153	352	0.6036	0	72-132	17	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Tetra Tech, Inc.		Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1160
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
17-04-0841-2	**Sample**	**Aqueous**	**ICP/MS 03**	**04/18/17 00:00**	**04/24/17 13:21**	**170418SA3**
17-04-0841-2	**PDS**	**Aqueous**	**ICP/MS 03**	**04/18/17 00:00**	**04/24/17 13:02**	**170418SA3**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Chromium	0.001945	0.1000	0.1014	99	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1160
San Bernardino, CA 92408-3562		Preparation:	N/A
		Method:	EPA 218.6
Project: LMC BOU			Page 1 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-567-238	**LCS**	**Aqueous**	**IC 16**	**N/A**	**04/14/17 17:23**	**170414L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	10.00	10.12	101	95-107	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1160
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
096-06-003-5531	**LCS**	**Aqueous**	**ICP/MS 03**	**04/18/17**	**04/20/17 00:46**	**170418LA3**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium	0.1000	0.1064	106	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1160
San Bernardino, CA 92408-3562		Preparation:	EPA 3510C
		Method:	EPA 8270C (M) Isotope Dilution
Project: LMC BOU			Page 3 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-216-1013	**LCS**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/17/17 22:48**	**170417L10**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	20.30	101	50-130	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1160
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 4 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4657	**LCS**	**Aqueous**	**GC/MS L**	**04/26/17**	**04/26/17 22:53**	**170426L056**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	9.900	99	77-120	70-127	
1,2-Dibromoethane	10.00	9.727	97	80-120	73-127	
1,2-Dichlorobenzene	10.00	9.557	96	80-120	73-127	
1,2-Dichloroethane	10.00	10.87	109	80-122	73-129	
Benzene	10.00	9.605	96	80-120	73-127	
Carbon Tetrachloride	10.00	8.570	86	80-129	72-137	
Chlorobenzene	10.00	10.00	100	80-120	73-127	
Ethylbenzene	10.00	9.881	99	80-120	73-127	
Toluene	10.00	9.789	98	80-120	73-127	
Trichloroethene	10.00	10.17	102	80-120	73-127	
Vinyl Chloride	10.00	10.83	108	63-135	51-147	
o-Xylene	10.00	10.00	100	80-120	73-127	
p/m-Xylene	20.00	19.84	99	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	10.49	105	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/14/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1160
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 5 of 5

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-493	**LCS**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 22:33**	**170424L035**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02000	100	72-132	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-04-1160 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 218.6	N/A	1065	IC 16	1
EPA 6020	EPA 3020A Total	598	ICP/MS 03	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B SIM	EPA 5030C	486	GC/MS M	2
EPA 8270C (M) Isotope Dilution	EPA 3510C	928	GC/MS DDD	1

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Glossary of Terms and Qualifiers

Work Order: 17-04-1160 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us2B_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

Date: 04/14/17
Page: 1 of 1

WO NO. / LAB USE ONLY: **17-04-1160**

LABORATORY CLIENT: Tetra Tech Inc.
ADDRESS: 301 E. Vanderbilt Way. Ste 450
CITY: San Bernardino STATE: CA ZIP: 92408
TEL: 909-381-1674 E-MAIL:

CLIENT PROJECT NAME / NO.: LMC (507)
PROJECT CONTACT: Robert Salazar
P.O. NO.:
LAB CONTACT OR QUOTE NO.:
GLOBAL ID:
LOG CODE:
SAMPLER(S) (PRINT): Vanessa Allen

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD
☐ GEOLT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO	TPH ☐ C08-C36 ☐ C05-C44	TPH	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (6020) ☐ En Corr ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8310 ☐ 8270 SIM	T22 Metals ☐ 6010/7470 ☐ 6020/7471	Cr(VI) ☐ 7196 ☐ 218.6	LA-Diesel	ICP/MS Metals	HEXCR	1,2,3-TCP
1	LTB-20170414	4-14-17	0605	W	3		✓							5									1	1	1	5
2	4848 - N-1702	4-14-17	0913	W	13	✓	✓							5									1	1	1	5

Relinquished by: (Signature) — Received by: (Signature/Affiliation) — Date: 4/14/17 — Time: 1330
Relinquished by: (Signature) — Received by: (Signature/Affiliation) — Date: 4/14/17 — Time: 1815
Relinquished by: (Signature) — Received by: (Signature/Affiliation) — Date: — Time:

2016-04-01-Revision

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WORK ORDER NUMBER: 17-04- 1160

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Tetra Tech

DATE: 04 / 14 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC (CF: 0.0°C); Temperature (w/o CF): 1.8 °C (w/ CF): 1.8 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 1091

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1091

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 681

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 170328A)

Aqueous: ☐ VOA ☑ VOAh ☐ VOAna_2 ☐ 100PJ ☐ 100PJna_2 ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☑ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☑ 250PBn ☐ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna_2 ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, Labeled/Checked by: _____

s = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH Reviewed by: 681

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WORK ORDER NUMBER: 17-04-1061

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Tetra Tech, Inc.

Client Project Name: LMC BOU

Attention: Robert Sabater
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Vikas Patel

Approved for release on 04/28/2017 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 17-04-1061

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Work Order Narrative

Work Order: 17-04-1061 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/13/17. They were assigned to Work Order 17-04-1061.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-1061
Project Name: LMC BOU
Received: 04/13/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
3850N-N-17Q2 (17-04-1061-1)						
Chromium, Hexavalent	9.0		0.020	ug/L	EPA 218.6	N/A
Chromium	0.0101		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.27	J	0.24*	ug/L	EPA 8260B	EPA 5030C
1,1,2-Trichloroethane	0.43	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	0.87		0.50	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	0.38	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloropropane	0.21	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	1.8		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	3.2		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	13		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	19		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.26	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.56		0.050	ug/L	EPA 8260B SIM	EPA 5030C
3850R-N-17Q2 (17-04-1061-2)						
Chromium, Hexavalent	0.021		0.020	ug/L	EPA 218.6	N/A
Chromium	0.000850	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
Tetrachloroethene	48		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	7.8		1.0	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.58	J	0.40*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.0074		0.0050	ug/L	EPA 8260B SIM	EPA 5030C
LTB-20170413 (17-04-1061-3)						
Acetone	4.0	J	4.0*	ug/L	EPA 8260B	EPA 5030C
A-1-CW03R-N-17Q2 (17-04-1061-4)						
Chromium, Hexavalent	0.010	J	0.0099*	ug/L	EPA 218.6	N/A
Chromium	0.00105		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethene	0.45	J	0.28*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.42	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	21		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	22		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.46	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	57		2.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.63		0.050	ug/L	EPA 8260B SIM	EPA 5030C
B-1-CW20-N-17Q2 (17-04-1061-5)						
Chromium, Hexavalent	2.1		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00346		0.00100	mg/L	EPA 6020	EPA 3020A Total
Tetrachloroethene	0.34	J	0.20*	ug/L	EPA 8260B	EPA 5030C

* MDL is shown

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Detections Summary

Client:	Tetra Tech, Inc.	Work Order:	17-04-1061
	301 E. Vanderbilt Way, Suite 450	Project Name:	LMC BOU
	San Bernardino, CA 92408-3562	Received:	04/13/17
Attn:	Robert Sabater		Page 2 of 2

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850N-N-17Q2	**17-04-1061-1-J**	**04/13/17 11:24**	**Aqueous**	**IC 16**	**N/A**	**04/13/17 21:50**	**170413L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	9.0	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850R-N-17Q2	**17-04-1061-2-K**	**04/13/17 13:16**	**Aqueous**	**IC 16**	**N/A**	**04/13/17 22:01**	**170413L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.021	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW03R-N-17Q2	**17-04-1061-4-K**	**04/13/17 09:19**	**Aqueous**	**IC 16**	**N/A**	**04/13/17 22:12**	**170413L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.010	0.020	0.0099	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW20-N-17Q2	**17-04-1061-5-K**	**04/13/17 13:05**	**Aqueous**	**IC 16**	**N/A**	**04/13/17 22:23**	**170413L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	2.1	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-567-237**	**N/A**	**Aqueous**	**IC 16**	**N/A**	**04/13/17 16:50**	**170413L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850N-N-17Q2	**17-04-1061-1-K**	**04/13/17 11:24**	**Aqueous**	**ICP/MS 03**	**04/24/17**	**04/25/17 02:41**	**170424LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0101	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850R-N-17Q2	**17-04-1061-2-L**	**04/13/17 13:16**	**Aqueous**	**ICP/MS 03**	**04/24/17**	**04/25/17 02:44**	**170424LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.000850	0.00100	0.000402	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW03R-N-17Q2	**17-04-1061-4-N**	**04/13/17 09:19**	**Aqueous**	**ICP/MS 03**	**04/24/17**	**04/25/17 02:39**	**170424LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00105	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW20-N-17Q2	**17-04-1061-5-L**	**04/13/17 13:05**	**Aqueous**	**ICP/MS 03**	**04/24/17**	**04/25/17 02:46**	**170424LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00346	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**096-06-003-5544**	**N/A**	**Aqueous**	**ICP/MS 03**	**04/24/17**	**04/25/17 20:04**	**170424LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	ND	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850N-N-17Q2	**17-04-1061-1-L**	**04/13/17 11:24**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/17/17 23:35**	**170417L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	99	56-123	
1,4-Dioxane-d8(IDS-IS)	38	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850R-N-17Q2	**17-04-1061-2-M**	**04/13/17 13:16**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/17/17 23:52**	**170417L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	91	56-123	
1,4-Dioxane-d8(IDS-IS)	37	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW03R-N-17Q2	**17-04-1061-4-R**	**04/13/17 09:19**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/18/17 00:08**	**170417L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	101	56-123	
1,4-Dioxane-d8(IDS-IS)	43	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW20-N-17Q2	**17-04-1061-5-M**	**04/13/17 13:05**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/18/17 00:23**	**170417L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	93	56-123	
1,4-Dioxane-d8(IDS-IS)	38	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-216-1013**	**N/A**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/17/17 22:32**	**170417L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	115	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850N-N-17Q2	**17-04-1061-1-A**	**04/13/17 11:24**	**Aqueous**	**GC/MS T**	**04/25/17**	**04/25/17 13:44**	**170425L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.27	0.50	0.24	1.00	J
1,1,2-Trichloroethane	0.43	0.50	0.20	1.00	J
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.87	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	0.38	0.50	0.20	1.00	J
1,2-Dichloropropane	0.21	0.50	0.20	1.00	J
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	1.8	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	3.2	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	13	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	19	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.26	0.50	0.20	1.00	J
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-120	
Dibromofluoromethane	97	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1061
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 3 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	101	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 4 of 18

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850R-N-17Q2	**17-04-1061-2-A**	**04/13/17 13:16**	**Aqueous**	**GC/MS T**	**04/25/17**	**04/25/17 14:17**	**170425L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	2.00	
1,1,1-Trichloroethane	ND	1.0	0.40	2.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.40	2.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	0.48	2.00	
1,1,2-Trichloroethane	ND	1.0	0.40	2.00	
1,1-Dichloroethane	ND	1.0	0.40	2.00	
1,1-Dichloroethene	ND	1.0	0.56	2.00	
1,1-Dichloropropene	ND	1.0	0.60	2.00	
1,2,3-Trichlorobenzene	ND	1.0	0.40	2.00	
1,2,3-Trichloropropane	ND	2.0	0.80	2.00	
1,2,4-Trichlorobenzene	ND	1.0	0.40	2.00	
1,2,4-Trimethylbenzene	ND	1.0	0.40	2.00	
1,2-Dibromo-3-Chloropropane	ND	10	4.0	2.00	
1,2-Dibromoethane	ND	1.0	0.40	2.00	
1,2-Dichlorobenzene	ND	1.0	0.40	2.00	
1,2-Dichloroethane	ND	1.0	0.40	2.00	
1,2-Dichloropropane	ND	1.0	0.40	2.00	
1,3,5-Trimethylbenzene	ND	1.0	0.40	2.00	
1,3-Dichlorobenzene	ND	1.0	0.55	2.00	
1,3-Dichloropropane	ND	2.0	0.80	2.00	
1,4-Dichlorobenzene	ND	1.0	0.40	2.00	
2,2-Dichloropropane	ND	2.0	0.80	2.00	
2-Butanone	ND	10	4.0	2.00	
2-Chlorotoluene	ND	1.0	0.40	2.00	
2-Hexanone	ND	20	8.0	2.00	
4-Chlorotoluene	ND	1.0	0.71	2.00	
4-Methyl-2-Pentanone	ND	10	4.0	2.00	
Acetone	ND	20	8.0	2.00	
Benzene	ND	1.0	0.40	2.00	
Bromobenzene	ND	1.0	0.64	2.00	
Bromochloromethane	ND	2.0	0.80	2.00	
Bromodichloromethane	ND	1.0	0.40	2.00	
Bromoform	ND	1.0	0.49	2.00	
Bromomethane	ND	2.0	0.80	2.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	2.0	0.80	2.00	
Carbon Tetrachloride	ND	1.0	0.40	2.00	
Chlorobenzene	ND	1.0	0.40	2.00	
Chloroethane	ND	1.0	0.63	2.00	
Chloroform	ND	1.0	0.40	2.00	
Chloromethane	ND	1.0	0.59	2.00	
Dibromochloromethane	ND	1.0	0.40	2.00	
Dibromomethane	ND	1.0	0.40	2.00	
Dichlorodifluoromethane	ND	2.0	0.80	2.00	
Ethylbenzene	ND	1.0	0.40	2.00	
Isopropylbenzene	ND	1.0	0.40	2.00	
Methylene Chloride	ND	2.0	1.6	2.00	
Naphthalene	ND	2.0	0.80	2.00	
Styrene	ND	1.0	0.40	2.00	
Tetrachloroethene	48	1.0	0.40	2.00	
Toluene	ND	1.0	0.40	2.00	
t-1,2-Dichloroethene	ND	1.0	0.40	2.00	
Trichloroethene	7.8	1.0	0.57	2.00	
Trichlorofluoromethane	ND	1.0	0.40	2.00	
Vinyl Acetate	ND	10	4.0	2.00	
Vinyl Chloride	ND	1.0	0.40	2.00	
c-1,3-Dichloropropene	ND	1.0	0.40	2.00	
c-1,2-Dichloroethene	0.58	1.0	0.40	2.00	J
n-Butylbenzene	ND	1.0	0.40	2.00	
n-Propylbenzene	ND	1.0	0.40	2.00	
o-Xylene	ND	1.0	0.63	2.00	
p-Isopropyltoluene	ND	1.0	0.40	2.00	
sec-Butylbenzene	ND	1.0	0.40	2.00	
t-1,3-Dichloropropene	ND	1.0	0.40	2.00	
tert-Butylbenzene	ND	1.0	0.40	2.00	
p/m-Xylene	ND	1.0	0.40	2.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.40	2.00	
2-Chloroethyl Vinyl Ether	ND	10	8.4	2.00	
Hexachloro-1,3-Butadiene	ND	4.0	1.6	2.00	
Iodomethane	ND	20	10	2.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-120	
Dibromofluoromethane	101	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1061
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 6 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	101	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170413	**17-04-1061-3-A**	**04/13/17 06:30**	**Aqueous**	**GC/MS T**	**04/25/17**	**04/25/17 13:11**	**170425L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	4.0	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1061
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 8 of 18

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-120	
Dibromofluoromethane	99	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1061
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 9 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	102	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW03R-N-17Q2	**17-04-1061-4-A**	**04/13/17 09:19**	**Aqueous**	**GC/MS T**	**04/25/17**	**04/25/17 11:00**	**170425L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.45	0.50	0.28	1.00	J
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.42	0.50	0.20	1.00	J
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	21	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	22	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.46	0.50	0.20	1.00	J
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-120	
Dibromofluoromethane	94	80-127	
1,2-Dichloroethane-d4	94	80-128	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 12 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
Toluene-d8	99	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW03R-N-17Q2	**17-04-1061-4-D**	**04/13/17 09:19**	**Aqueous**	**GC/MS T**	**04/25/17**	**04/25/17 12:39**	**170425L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Tetrachloroethene	57	2.0	0.80	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-120	
Dibromofluoromethane	97	80-127	
1,2-Dichloroethane-d4	99	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW20-N-17Q2	**17-04-1061-5-A**	**04/13/17 13:05**	**Aqueous**	**GC/MS T**	**04/25/17**	**04/25/17 14:50**	**170425L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	0.34	0.50	0.20	1.00	J
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	68-120	
Dibromofluoromethane	98	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1061
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 15 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	102	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 16 of 18

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4647**	**N/A**	**Aqueous**	**GC/MS T**	**04/25/17**	**04/25/17 10:25**	**170425L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	68-120	
Dibromofluoromethane	94	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-1061
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 18 of 18

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	95	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850N-N-17Q2	**17-04-1061-1-F**	**04/13/17 11:24**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 13:31**	**170426L028**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.56	0.050	0.025	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	106	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3850R-N-17Q2	**17-04-1061-2-H**	**04/13/17 13:16**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/25/17 03:31**	**170424L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.0074	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	110	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170413	**17-04-1061-3-C**	**04/13/17 06:30**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 17:35**	**170424L033**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	119	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW03R-N-17Q2	**17-04-1061-4-I**	**04/13/17 09:19**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 14:01**	**170426L028**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.63	0.050	0.025	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	107	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW20-N-17Q2	**17-04-1061-5-H**	**04/13/17 13:05**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/25/17 04:01**	**170424L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	104	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-492**	**N/A**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 12:36**	**170424L033**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	113	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-493**	**N/A**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 23:32**	**170424L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	101	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-494**	**N/A**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 11:32**	**170426L028**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	115	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: N/A
Method: EPA 218.6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
A-1-CW03R-N-17Q2	**Sample**	**Aqueous**	**IC 16**	**N/A**	**04/13/17 22:12**	**170413S01**
A-1-CW03R-N-17Q2	**Matrix Spike**	**Aqueous**	**IC 16**	**N/A**	**04/13/17 22:34**	**170413S01**
A-1-CW03R-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**IC 16**	**N/A**	**04/13/17 22:46**	**170413S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	ND	10.00	9.628	96	9.648	96	85-121	0	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
A-1-CW03R-N-17Q2	**Sample**	**Aqueous**	**ICP/MS 03**	**04/24/17**	**04/25/17 02:39**	**170424SA3**
A-1-CW03R-N-17Q2	**Matrix Spike**	**Aqueous**	**ICP/MS 03**	**04/24/17**	**04/25/17 20:12**	**170424SA3**
A-1-CW03R-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**ICP/MS 03**	**04/24/17**	**04/25/17 20:15**	**170424SA3**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium	0.001055	0.1000	0.1032	102	0.1062	105	73-133	3	0-11	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
A-1-CW03R-N-17Q2	**Sample**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/18/17 00:08**	**170417S10**
A-1-CW03R-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/17/17 23:04**	**170417S10**
A-1-CW03R-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/17/17 23:19**	**170417S10**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	ND	20.00	20.47	102	20.26	101	50-130	1	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
A-1-CW03R-N-17Q2	**Sample**	**Aqueous**	**GC/MS T**	**04/25/17**	**04/25/17 11:00**	**170425S006**
A-1-CW03R-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS T**	**04/25/17**	**04/25/17 11:33**	**170425S006**
A-1-CW03R-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS T**	**04/25/17**	**04/25/17 12:06**	**170425S006**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	ND	10.00	10.44	104	10.45	104	66-126	0	0-20	
1,2-Dibromoethane	ND	10.00	9.643	96	9.670	97	75-126	0	0-20	
1,2-Dichlorobenzene	ND	10.00	9.377	94	9.586	96	75-125	2	0-20	
1,2-Dichloroethane	ND	10.00	9.395	94	9.590	96	75-127	2	0-20	
Benzene	ND	10.00	9.479	95	9.572	96	75-125	1	0-20	
Carbon Tetrachloride	ND	10.00	10.68	107	10.72	107	69-135	0	0-20	
Chlorobenzene	ND	10.00	9.358	94	9.419	94	75-125	1	0-20	
Ethylbenzene	ND	10.00	9.657	97	9.687	97	75-125	0	0-20	
Toluene	ND	10.00	9.657	97	9.706	97	75-125	1	0-20	
Trichloroethene	22.24	10.00	30.64	84	30.84	86	75-125	1	0-20	
Vinyl Chloride	ND	10.00	11.05	111	10.99	110	52-142	1	0-20	
o-Xylene	ND	10.00	9.640	96	9.778	98	75-127	1	0-20	
p/m-Xylene	ND	20.00	19.36	97	19.28	96	75-125	0	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.301	93	9.692	97	71-131	4	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 5 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0940-6	**Sample**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 14:05**	**170424S011**
17-04-0940-6	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 16:05**	**170424S011**
17-04-0940-6	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 16:35**	**170424S011**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	12.62	5.000	21.12	170	18.62	120	80-120	13	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
A-1-CW03R-N-17Q2	**Sample**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/25/17 00:02**	**170424S012**
A-1-CW03R-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/25/17 00:32**	**170424S012**
A-1-CW03R-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/25/17 01:02**	**170424S012**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	0.6449	0.02000	0.7153	352	0.6036	0	80-120	17	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
3850N-N-17Q2	**Sample**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 13:31**	**170426S009**
3850N-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 15:01**	**170426S009**
3850N-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 15:31**	**170426S009**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	0.5650	0.2000	0.6540	44	0.7060	70	80-120	8	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
A-1-CW03R-N-17Q2	**Sample**	**Aqueous**	**ICP/MS 03**	**04/24/17 00:00**	**04/25/17 02:39**	**170424SA3**
A-1-CW03R-N-17Q2	**PDS**	**Aqueous**	**ICP/MS 03**	**04/24/17 00:00**	**04/25/17 02:34**	**170424SA3**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Chromium	0.001055	0.1000	0.1044	103	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	N/A
		Method:	EPA 218.6
Project: LMC BOU			Page 1 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-567-237	**LCS**	**Aqueous**	**IC 16**	**N/A**	**04/13/17 17:01**	**170413L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	10.00	10.13	101	95-107	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
096-06-003-5544	**LCS**	**Aqueous**	**ICP/MS 03**	**04/24/17**	**04/25/17 20:10**	**170424LA3**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium	0.1000	0.1061	106	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	EPA 3510C
		Method:	EPA 8270C (M) Isotope Dilution
Project: LMC BOU			Page 3 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-216-1013	**LCS**	**Aqueous**	**GC/MS DDD**	**04/17/17**	**04/17/17 22:48**	**170417L10**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	20.30	101	50-130	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 4 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4647	**LCS**	**Aqueous**	**GC/MS T**	**04/25/17**	**04/25/17 09:32**	**170425L008**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	10.51	105	77-120	70-127	
1,2-Dibromoethane	10.00	10.03	100	80-120	73-127	
1,2-Dichlorobenzene	10.00	10.08	101	80-120	73-127	
1,2-Dichloroethane	10.00	9.789	98	80-122	73-129	
Benzene	10.00	10.19	102	80-120	73-127	
Carbon Tetrachloride	10.00	10.88	109	80-129	72-137	
Chlorobenzene	10.00	10.09	101	80-120	73-127	
Ethylbenzene	10.00	10.32	103	80-120	73-127	
Toluene	10.00	10.19	102	80-120	73-127	
Trichloroethene	10.00	10.33	103	80-120	73-127	
Vinyl Chloride	10.00	10.46	105	63-135	51-147	
o-Xylene	10.00	10.39	104	80-120	73-127	
p/m-Xylene	20.00	20.64	103	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	9.746	97	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B SIM
Page 5 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-118-492	**LCS**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 11:06**	**170424L033**
099-15-118-492	**LCSD**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 11:36**	**170424L033**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.01640	82	0.01830	92	80-120	11	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/13/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-1061
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-493	**LCS**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 22:33**	**170424L035**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02000	100	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/13/17
Work Order: 17-04-1061
Preparation: EPA 5030C
Method: EPA 8260B SIM
Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-118-494	**LCS**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 10:02**	**170426L028**
099-15-118-494	**LCSD**	**Aqueous**	**GC/MS M**	**04/26/17**	**04/26/17 10:32**	**170426L028**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02040	102	0.01960	98	80-120	4	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-04-1061 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 218.6	N/A	834	IC 16	1
EPA 6020	EPA 3020A Total	598	ICP/MS 03	1
EPA 8260B	EPA 5030C	316	GC/MS T	2
EPA 8260B SIM	EPA 5030C	486	GC/MS M	2
EPA 8270C (M) Isotope Dilution	EPA 3510C	928	GC/MS DDD	1

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Glossary of Terms and Qualifiers

Work Order: 17-04-1061 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier services / sample drop off information, contact us2B_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

Date 4-13-2017
Page 1 of 1

WO NO. / LAB USE ONLY: **17-04-1061**

LABORATORY CLIENT: Tetra Tech Inc
ADDRESS: 301 E Vanderbilt Way
CITY: San Bernardino STATE: CA ZIP: 92408
TEL: EMAIL:

CLIENT PROJECT NAME / NO.: LMC Bou
PROJECT CONTACT: Robert Sabaters
GLOBAL ID: LOG CODE:
P.O. NO.:
LAB CONTACT OR QUOTE NO.:
SAMPLER(S): (PRINT) Jason Cook, Vanessa Calder

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ GEOLT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:
* A-1-C003R-N-1702 is an MS/MSD.

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	LTPH(g) ☐ GRO	LTPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep: (5030) ☐ Ea Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/7470 ☐ 6020/7470	CrVI ☐ 7196 ☐ 218.6	1,4 Dioxane	ICP/MS Metals	Hex Cr	1,2,3 TCP
1	3850N-N-1702	4-13-17	1124	W	12	✓	✓							5									1	1	1	4
2	3850R-N-1702	4-13-17	1316	W	13	✓	✓							5									1	1	1	4
3	LTB-20170413	4-13-17	0630	W	8		✓							2												1
4	A-1-C003R-N-1702	4-13-17	0919	W	19	✓	✓							5									3	3	3	4
5	A-1-C003D-N-1702	4-13-17	1305	W	13	✓	✓							5									3	3	3	4

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
		04/13/17	1602
Relinquished by: (Signature)	Received by: (Signature/Affiliation) ECL	Date: 4/13/17	Time: 1857
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2016-04-01-Revision

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WORK ORDER NUMBER: 17-04- 1061

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Tetra Tech

DATE: 04 / 13 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC (CF: 0.0°C); Temperature (w/o CF): 2.0 °C (w/ CF): 2.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 1091

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1091

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 609

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☑ VOAh ☐ VOAna_2 ☐ 100PJ ☐ 100PJna_2 ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☑ 250PBn ☑ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna_2 ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO_3, na = NaOH, na_2 = $Na_2S_2O_3$, p = H_3PO_4, Labeled/Checked by: 609

s = H_2SO_4, u = ultra-pure, x = Na_2SO_3+$NaHSO_4$.H_2O, znna = Zn $(CH_3CO_2)_2$ + NaOH Reviewed by: 1110

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WORK ORDER NUMBER: 17-04-0940

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Tetra Tech, Inc.

Client Project Name: LMC BOU

Attention: Robert Sabater
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Vikas Patel

Approved for release on 04/28/2017 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 17-04-0940

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Work Order Narrative

Work Order: 17-04-0940 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/12/17. They were assigned to Work Order 17-04-0940.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0940
Project Name: LMC BOU
Received: 04/12/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
C-1-CW08-N-17Q2 (17-04-0940-1)						
Chromium, Hexavalent	1.1		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00757		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethene	0.48	J	0.28*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.52		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.33	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	0.99	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	1.5		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	0.36	J	0.29*	ug/L	EPA 8260B	EPA 5030C
C-1-CW07-N-17Q2 (17-04-0940-2)						
Chromium	0.0829		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethene	0.44	J	0.28*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.37	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.29	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	0.94	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	3.2		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	0.72		0.50	ug/L	EPA 8260B	EPA 5030C
1,4-Dioxane	2.8		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
B-1-CW28-N-17Q2 (17-04-0940-4)						
Chromium	0.000983	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
Chloroform	0.35	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	13		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	3.2		0.50	ug/L	EPA 8260B	EPA 5030C
B-1-CW28-FD-17Q2 (17-04-0940-5)						
Chromium	0.000895	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
Chloroform	0.33	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	12		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	3.0		0.50	ug/L	EPA 8260B	EPA 5030C

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* MDL is shown

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0940
Project Name: LMC BOU
Received: 04/12/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
B-1-CW13-N-17Q2 (17-04-0940-6)						
Chromium, Hexavalent	2.0		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00276		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	5.1		2.0	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	7.9		2.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	10		4.0	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	3.1		2.0	ug/L	EPA 8260B	EPA 5030C
Chloroform	15		2.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	100		2.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	240		5.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	13		1.2	ug/L	EPA 8260B SIM	EPA 5030C
1,4-Dioxane	2.0		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
3852F-N-17Q2 (17-04-0940-7)						
Chromium, Hexavalent	2.7		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00315		0.00100	mg/L	EPA 6020	EPA 3020A Total
Bromodichloromethane	0.20	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.44	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.51		0.50	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	1.1		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	1.0		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	0.58		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.027		0.0050	ug/L	EPA 8260B SIM	EPA 5030C
1,4-Dioxane	1.5		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
3852H-N-17Q2 (17-04-0940-8)						
Chromium, Hexavalent	1.1		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00232		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloroethane	0.29	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	2.1		0.50	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	1.6		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	6.9		0.50	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	0.91	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	1.5		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	7.2		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.29		0.025	ug/L	EPA 8260B SIM	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

* MDL is shown

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW08-N-17Q2	**17-04-0940-1-K**	**04/12/17 16:05**	**Aqueous**	**IC 16**	**N/A**	**04/12/17 21:55**	**170412L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	1.1	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW07-N-17Q2	**17-04-0940-2-K**	**04/12/17 15:00**	**Aqueous**	**IC 16**	**N/A**	**04/12/17 22:06**	**170412L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW28-N-17Q2	**17-04-0940-4-K**	**04/12/17 09:00**	**Aqueous**	**IC 16**	**N/A**	**04/12/17 22:17**	**170412L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW28-FD-17Q2	**17-04-0940-5-K**	**04/12/17 09:00**	**Aqueous**	**IC 16**	**N/A**	**04/12/17 22:28**	**170412L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW13-N-17Q2	**17-04-0940-6-K**	**04/12/17 10:18**	**Aqueous**	**IC 16**	**N/A**	**04/12/17 22:40**	**170412L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	2.0	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852F-N-17Q2	**17-04-0940-7-K**	**04/12/17 15:29**	**Aqueous**	**IC 16**	**N/A**	**04/12/17 22:51**	**170412L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	2.7	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852H-N-17Q2	**17-04-0940-8-K**	**04/12/17 16:35**	**Aqueous**	**IC 16**	**N/A**	**04/12/17 23:02**	**170412L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	1.1	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-567-235**	**N/A**	**Aqueous**	**IC 16**	**N/A**	**04/12/17 17:45**	**170412L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW08-N-17Q2	**17-04-0940-1-L**	**04/12/17 16:05**	**Aqueous**	**ICP/MS 03**	**04/19/17**	**04/21/17 17:02**	**170419LA2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00757	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW07-N-17Q2	**17-04-0940-2-L**	**04/12/17 15:00**	**Aqueous**	**ICP/MS 03**	**04/19/17**	**04/21/17 17:04**	**170419LA2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0829	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW28-N-17Q2	**17-04-0940-4-L**	**04/12/17 09:00**	**Aqueous**	**ICP/MS 03**	**04/19/17**	**04/21/17 17:07**	**170419LA2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.000983	0.00100	0.000402	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW28-FD-17Q2	**17-04-0940-5-L**	**04/12/17 09:00**	**Aqueous**	**ICP/MS 03**	**04/19/17**	**04/21/17 17:09**	**170419LA2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.000895	0.00100	0.000402	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW13-N-17Q2	**17-04-0940-6-L**	**04/12/17 10:18**	**Aqueous**	**ICP/MS 03**	**04/19/17**	**04/21/17 17:12**	**170419LA2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00276	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852F-N-17Q2	**17-04-0940-7-L**	**04/12/17 15:29**	**Aqueous**	**ICP/MS 03**	**04/19/17**	**04/21/17 17:14**	**170419LA2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00315	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852H-N-17Q2	**17-04-0940-8-L**	**04/12/17 16:35**	**Aqueous**	**ICP/MS 03**	**04/19/17**	**04/21/17 17:17**	**170419LA2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00232	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**096-06-003-5540**	**N/A**	**Aqueous**	**ICP/MS 05**	**04/19/17**	**04/24/17 15:41**	**170419LA2**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	ND	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW08-N-17Q2	**17-04-0940-1-M**	**04/12/17 16:05**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 13:18**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	96	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW07-N-17Q2	**17-04-0940-2-M**	**04/12/17 15:00**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 13:33**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	2.8	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	105	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW28-N-17Q2	**17-04-0940-4-M**	**04/12/17 09:00**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 13:49**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	101	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW28-FD-17Q2	**17-04-0940-5-M**	**04/12/17 09:00**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 14:05**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	99	56-123	
1,4-Dioxane-d8(IDS-IS)	38	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW13-N-17Q2	**17-04-0940-6-M**	**04/12/17 10:18**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 14:20**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	2.0	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	107	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

3852F-N-17Q2	**17-04-0940-7-M**	**04/12/17 15:29**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 14:36**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	1.5	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	105	56-123	
1,4-Dioxane-d8(IDS-IS)	37	30-120	

3852H-N-17Q2	**17-04-0940-8-M**	**04/12/17 16:35**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 14:52**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	101	56-123	
1,4-Dioxane-d8(IDS-IS)	37	30-120	

Method Blank	**099-16-216-1009**	**N/A**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/13/17 23:05**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	89	56-123	
1,4-Dioxane-d8(IDS-IS)	44	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 1 of 27

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW08-N-17Q2	**17-04-0940-1-A**	**04/12/17 16:05**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/23/17 06:19**	**170422L026**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.48	0.50	0.28	1.00	J
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.52	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.33	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	0.99	1.0	0.40	1.00	J
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	1.5	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	0.36	0.50	0.29	1.00	J
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-120	
Dibromofluoromethane	99	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0940
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 3 of 27

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	106	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 4 of 27

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW07-N-17Q2	**17-04-0940-2-A**	**04/12/17 15:00**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/23/17 06:50**	**170422L026**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.44	0.50	0.28	1.00	J
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.37	0.50	0.20	1.00	J
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.29	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	0.94	1.0	0.40	1.00	J
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	3.2	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	0.72	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-120	
Dibromofluoromethane	100	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0940
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 6 of 27

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170412	**17-04-0940-3-A**	**04/12/17 06:00**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/23/17 05:48**	**170422L026**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0940
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 8 of 27

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-120	
Dibromofluoromethane	95	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0940
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 9 of 27

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	100	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 10 of 27

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW28-N-17Q2	**17-04-0940-4-A**	**04/12/17 09:00**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/23/17 07:20**	**170422L026**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.35	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	13	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	3.2	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-120	
Dibromofluoromethane	99	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0940
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 12 of 27

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	104	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 13 of 27

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW28-FD-17Q2	**17-04-0940-5-A**	**04/12/17 09:00**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/23/17 07:51**	**170422L026**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.33	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	12	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	3.0	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	68-120	
Dibromofluoromethane	99	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0940
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 15 of 27

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	105	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 16 of 27

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW13-N-17Q2	**17-04-0940-6-A**	**04/12/17 10:18**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/23/17 08:21**	**170422L026**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	2.0	0.80	4.00	
1,1,1-Trichloroethane	ND	2.0	0.80	4.00	
1,1,2,2-Tetrachloroethane	ND	2.0	0.80	4.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	5.1	2.0	0.96	4.00	
1,1,2-Trichloroethane	ND	2.0	0.80	4.00	
1,1-Dichloroethane	ND	2.0	0.80	4.00	
1,1-Dichloroethene	7.9	2.0	1.1	4.00	
1,1-Dichloropropene	ND	2.0	1.2	4.00	
1,2,3-Trichlorobenzene	ND	2.0	0.80	4.00	
1,2,3-Trichloropropane	10	4.0	1.6	4.00	
1,2,4-Trichlorobenzene	ND	2.0	0.80	4.00	
1,2,4-Trimethylbenzene	ND	2.0	0.80	4.00	
1,2-Dibromo-3-Chloropropane	ND	20	8.0	4.00	
1,2-Dibromoethane	ND	2.0	0.80	4.00	
1,2-Dichlorobenzene	ND	2.0	0.80	4.00	
1,2-Dichloroethane	ND	2.0	0.80	4.00	
1,2-Dichloropropane	ND	2.0	0.80	4.00	
1,3,5-Trimethylbenzene	ND	2.0	0.80	4.00	
1,3-Dichlorobenzene	ND	2.0	1.1	4.00	
1,3-Dichloropropane	ND	4.0	1.6	4.00	
1,4-Dichlorobenzene	ND	2.0	0.80	4.00	
2,2-Dichloropropane	ND	4.0	1.6	4.00	
2-Butanone	ND	20	8.0	4.00	
2-Chlorotoluene	ND	2.0	0.80	4.00	
2-Hexanone	ND	40	16	4.00	
4-Chlorotoluene	ND	2.0	1.4	4.00	
4-Methyl-2-Pentanone	ND	20	8.0	4.00	
Acetone	ND	40	16	4.00	
Benzene	ND	2.0	0.80	4.00	
Bromobenzene	ND	2.0	1.3	4.00	
Bromochloromethane	ND	4.0	1.6	4.00	
Bromodichloromethane	ND	2.0	0.80	4.00	
Bromoform	ND	2.0	0.99	4.00	
Bromomethane	ND	4.0	1.6	4.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0940
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 17 of 27

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	4.0	1.6	4.00	
Carbon Tetrachloride	3.1	2.0	0.80	4.00	
Chlorobenzene	ND	2.0	0.80	4.00	
Chloroethane	ND	2.0	1.3	4.00	
Chloroform	15	2.0	0.80	4.00	
Chloromethane	ND	2.0	1.2	4.00	
Dibromochloromethane	ND	2.0	0.80	4.00	
Dibromomethane	ND	2.0	0.80	4.00	
Dichlorodifluoromethane	ND	4.0	1.6	4.00	
Ethylbenzene	ND	2.0	0.80	4.00	
Isopropylbenzene	ND	2.0	0.80	4.00	
Methylene Chloride	ND	4.0	3.2	4.00	
Naphthalene	ND	4.0	1.6	4.00	
Styrene	ND	2.0	0.80	4.00	
Tetrachloroethene	100	2.0	0.80	4.00	
Toluene	ND	2.0	0.80	4.00	
t-1,2-Dichloroethene	ND	2.0	0.80	4.00	
Trichlorofluoromethane	ND	2.0	0.80	4.00	
Vinyl Acetate	ND	20	8.0	4.00	
Vinyl Chloride	ND	2.0	0.80	4.00	
c-1,3-Dichloropropene	ND	2.0	0.80	4.00	
c-1,2-Dichloroethene	ND	2.0	0.80	4.00	
n-Butylbenzene	ND	2.0	0.80	4.00	
n-Propylbenzene	ND	2.0	0.80	4.00	
o-Xylene	ND	2.0	1.3	4.00	
p-Isopropyltoluene	ND	2.0	0.80	4.00	
sec-Butylbenzene	ND	2.0	0.80	4.00	
t-1,3-Dichloropropene	ND	2.0	0.80	4.00	
tert-Butylbenzene	ND	2.0	0.80	4.00	
p/m-Xylene	ND	2.0	0.80	4.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.80	4.00	
2-Chloroethyl Vinyl Ether	ND	20	17	4.00	
Hexachloro-1,3-Butadiene	ND	8.0	3.2	4.00	
Iodomethane	ND	40	20	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-120	
Dibromofluoromethane	99	80-127	
1,2-Dichloroethane-d4	103	80-128	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Surrogate	Rec. (%)	Control Limits	Qualifiers
Toluene-d8	100	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW13-N-17Q2	**17-04-0940-6-B**	**04/12/17 10:18**	**Aqueous**	**GC/MS L**	**04/24/17**	**04/24/17 13:50**	**170424L004**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Trichloroethene	240	5.0	2.9	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-120	
Dibromofluoromethane	97	80-127	
1,2-Dichloroethane-d4	101	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852F-N-17Q2	**17-04-0940-7-A**	**04/12/17 15:29**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/23/17 08:52**	**170422L026**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	0.20	0.50	0.20	1.00	J
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.44	0.50	0.20	1.00	J
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.51	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	1.1	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	1.0	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	0.58	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-120	
Dibromofluoromethane	97	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0940
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 21 of 27

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 22 of 27

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852H-N-17Q2	**17-04-0940-8-A**	**04/12/17 16:35**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/23/17 09:22**	**170422L026**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	0.29	0.50	0.20	1.00	J
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	2.1	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	1.6	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	6.9	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	0.91	1.0	0.40	1.00	J
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	1.5	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	7.2	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-120	
Dibromofluoromethane	100	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0940
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 24 of 27

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 25 of 27

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4644**	**N/A**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/22/17 23:12**	**170422L026**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0940
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 26 of 27

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	99	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 27 of 27

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	104	80-128	
Toluene-d8	99	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4643**	**N/A**	**Aqueous**	**GC/MS L**	**04/24/17**	**04/24/17 10:13**	**170424L004**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Trichloroethene	ND	0.50	0.29	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	91	68-120	
Dibromofluoromethane	94	80-127	
1,2-Dichloroethane-d4	96	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
		Units:	ug/L
Project: LMC BOU			Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW08-N-17Q2	**17-04-0940-1-H**	**04/12/17 16:05**	**Aqueous**	**GC/MS M**	**04/21/17**	**04/22/17 06:25**	**170421L050**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	120	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW07-N-17Q2	**17-04-0940-2-G**	**04/12/17 15:00**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 13:06**	**170424L033**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	102	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170412	**17-04-0940-3-C**	**04/12/17 06:00**	**Aqueous**	**GC/MS M**	**04/21/17**	**04/22/17 05:55**	**170421L050**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	125	80-120	2,7

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW28-N-17Q2	**17-04-0940-4-D**	**04/12/17 09:00**	**Aqueous**	**GC/MS M**	**04/21/17**	**04/22/17 08:54**	**170421L050**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	120	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW28-FD-17Q2	**17-04-0940-5-D**	**04/12/17 09:00**	**Aqueous**	**GC/MS M**	**04/21/17**	**04/22/17 09:24**	**170421L050**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	109	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW13-N-17Q2	**17-04-0940-6-G**	**04/12/17 10:18**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 14:05**	**170424L033**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	13	1.2	0.62	250	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	108	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852F-N-17Q2	**17-04-0940-7-G**	**04/12/17 15:29**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 13:36**	**170424L033**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.027	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	111	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852H-N-17Q2	**17-04-0940-8-G**	**04/12/17 16:35**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 14:35**	**170424L033**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.29	0.025	0.012	5.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	116	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-491**	**N/A**	**Aqueous**	**GC/MS M**	**04/21/17**	**04/22/17 05:26**	**170421L050**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	117	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-492**	**N/A**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 12:36**	**170424L033**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	113	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.	Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0940
San Bernardino, CA 92408-3562	Preparation:	N/A
	Method:	EPA 218.6
Project: LMC BOU		Page 1 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
3852H-N-17Q2	**Sample**	**Aqueous**	**IC 16**	**N/A**	**04/12/17 23:02**	**170412S01**
3852H-N-17Q2	**Matrix Spike**	**Aqueous**	**IC 16**	**N/A**	**04/12/17 23:13**	**170412S01**
3852H-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**IC 16**	**N/A**	**04/12/17 23:24**	**170412S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	1.122	10.00	11.77	107	11.91	108	85-121	1	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1235-2	**Sample**	**Aqueous**	**ICP/MS 05**	**04/19/17**	**04/19/17 23:32**	**170419SA2**
17-04-1235-2	**Matrix Spike**	**Aqueous**	**ICP/MS 05**	**04/19/17**	**04/19/17 23:18**	**170419SA2**
17-04-1235-2	**Matrix Spike Duplicate**	**Aqueous**	**ICP/MS 05**	**04/19/17**	**04/19/17 23:21**	**170419SA2**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium	ND	0.1000	0.1077	108	0.1089	109	73-133	1	0-11	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0840-1	**Sample**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 00:09**	**170413S06**
17-04-0840-1	**Matrix Spike**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/13/17 23:37**	**170413S06**
17-04-0840-1	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/13/17 23:53**	**170413S06**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	3.735	20.00	24.31	103	23.79	100	50-130	2	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 4 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1162-29	**Sample**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/22/17 23:42**	**170422S012**
17-04-1162-29	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/23/17 00:43**	**170422S012**
17-04-1162-29	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/23/17 01:14**	**170422S012**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	ND	10.00	9.853	99	9.906	99	66-126	1	0-20	
1,2-Dibromoethane	ND	10.00	9.932	99	9.724	97	75-126	2	0-20	
1,2-Dichlorobenzene	ND	10.00	10.28	103	9.697	97	75-125	6	0-20	
1,2-Dichloroethane	ND	10.00	10.65	106	10.22	102	75-127	4	0-20	
Benzene	ND	10.00	10.45	105	9.748	97	75-125	7	0-20	
Carbon Tetrachloride	ND	10.00	9.141	91	8.642	86	69-135	6	0-20	
Chlorobenzene	ND	10.00	10.49	105	9.988	100	75-125	5	0-20	
Ethylbenzene	ND	10.00	10.64	106	10.04	100	75-125	6	0-20	
Toluene	ND	10.00	10.77	108	10.03	100	75-125	7	0-20	
Trichloroethene	0.5708	10.00	11.39	108	10.51	99	75-125	8	0-20	
Vinyl Chloride	ND	10.00	11.34	113	11.38	114	52-142	0	0-20	
o-Xylene	ND	10.00	10.54	105	9.970	100	75-127	6	0-20	
p/m-Xylene	ND	20.00	21.25	106	19.91	100	75-125	7	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	10.02	100	8.920	89	71-131	12	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1319-4	**Sample**	**Aqueous**	**GC/MS L**	**04/24/17**	**04/24/17 11:17**	**170424S003**
17-04-1319-4	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/24/17**	**04/24/17 12:49**	**170424S003**
17-04-1319-4	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/24/17**	**04/24/17 13:20**	**170424S003**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Trichloroethene	7.182	10.00	17.30	101	16.40	92	75-125	5	0-20	
Benzene	2.602	10.00	12.05	94	11.77	92	75-125	2	0-20	
Carbon Tetrachloride	ND	10.00	8.558	86	8.404	84	69-135	2	0-20	
Chlorobenzene	77.78	10.00	88.42	106	84.06	63	75-125	5	0-20	3
1,2-Dibromoethane	ND	10.00	9.489	95	9.309	93	75-126	2	0-20	
1,2-Dichlorobenzene	ND	10.00	10.15	101	9.651	97	75-125	5	0-20	
1,2-Dichloroethane	124.5	10.00	140.0	155	127.8	33	75-127	9	0-20	3
1,1-Dichloroethene	45.01	10.00	55.37	104	52.75	77	66-126	5	0-20	
Ethylbenzene	ND	10.00	10.00	100	9.644	96	75-125	4	0-20	
Toluene	ND	10.00	10.23	102	9.847	98	75-125	4	0-20	
Vinyl Chloride	25.26	10.00	34.95	97	34.10	88	52-142	2	0-20	
p/m-Xylene	ND	20.00	20.09	100	19.47	97	75-125	3	0-20	
o-Xylene	ND	10.00	9.982	100	9.581	96	75-127	4	0-20	
Methyl-t-Butyl Ether (MTBE)	7.136	10.00	15.37	82	16.34	92	71-131	6	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
C-1-CW08-N-17Q2	**Sample**	**Aqueous**	**GC/MS M**	**04/21/17**	**04/22/17 06:25**	**170421S027**
C-1-CW08-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/21/17**	**04/22/17 06:55**	**170421S027**
C-1-CW08-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/21/17**	**04/22/17 07:25**	**170421S027**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.01960	98	0.02380	119	80-120	19	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1-CW13-N-17Q2	**Sample**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 14:05**	**170424S011**
B-1-CW13-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 16:05**	**170424S011**
B-1-CW13-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 16:35**	**170424S011**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	12.62	5.000	21.12	170	18.62	120	80-120	13	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
17-04-1235-2	**Sample**	**Aqueous**	**ICP/MS 05**	**04/19/17 00:00**	**04/19/17 23:32**	**170419SA2**
17-04-1235-2	**PDS**	**Aqueous**	**ICP/MS 05**	**04/19/17 00:00**	**04/19/17 23:25**	**170419SA2**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Chromium	ND	0.1000	0.1041	104	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	N/A
		Method:	EPA 218.6
Project: LMC BOU			Page 1 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-567-235	**LCS**	**Aqueous**	**IC 16**	**N/A**	**04/12/17 17:57**	**170412L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	10.00	10.11	101	95-107	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
096-06-003-5540	**LCS**	**Aqueous**	**ICP/MS 05**	**04/19/17**	**04/19/17 23:14**	**170419LA2**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium	0.1000	0.1033	103	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 3510C
		Method:	EPA 8270C (M) Isotope Dilution
Project: LMC BOU			Page 3 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-216-1009	**LCS**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/13/17 23:21**	**170413L06**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	19.24	96	50-130	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 4 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4644	**LCS**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/22/17 22:41**	**170422L026**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	9.594	96	77-120	70-127	
1,2-Dibromoethane	10.00	9.702	97	80-120	73-127	
1,2-Dichlorobenzene	10.00	9.578	96	80-120	73-127	
1,2-Dichloroethane	10.00	10.14	101	80-122	73-129	
Benzene	10.00	9.628	96	80-120	73-127	
Carbon Tetrachloride	10.00	8.285	83	80-129	72-137	
Chlorobenzene	10.00	9.958	100	80-120	73-127	
Ethylbenzene	10.00	9.856	99	80-120	73-127	
Toluene	10.00	9.771	98	80-120	73-127	
Trichloroethene	10.00	10.08	101	80-120	73-127	
Vinyl Chloride	10.00	10.34	103	63-135	51-147	
o-Xylene	10.00	9.978	100	80-120	73-127	
p/m-Xylene	20.00	19.82	99	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	8.656	87	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/12/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0940
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 5 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4643	**LCS**	**Aqueous**	**GC/MS L**	**04/24/17**	**04/24/17 09:29**	**170424L004**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Trichloroethene	10.00	10.25	103	80-120	73-127	
Benzene	10.00	9.619	96	80-120	73-127	
Carbon Tetrachloride	10.00	8.789	88	80-129	72-137	
Chlorobenzene	10.00	10.09	101	80-120	73-127	
1,2-Dibromoethane	10.00	9.750	97	80-120	73-127	
1,2-Dichlorobenzene	10.00	9.657	97	80-120	73-127	
1,2-Dichloroethane	10.00	10.12	101	80-122	73-129	
1,1-Dichloroethene	10.00	9.441	94	77-120	70-127	
Ethylbenzene	10.00	9.999	100	80-120	73-127	
Toluene	10.00	9.877	99	80-120	73-127	
Vinyl Chloride	10.00	9.853	99	63-135	51-147	
p/m-Xylene	20.00	20.15	101	80-120	73-127	
o-Xylene	10.00	10.10	101	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	9.370	94	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B SIM
Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-118-491	**LCS**	**Aqueous**	**GC/MS M**	**04/21/17**	**04/22/17 03:56**	**170421L050**
099-15-118-491	**LCSD**	**Aqueous**	**GC/MS M**	**04/21/17**	**04/22/17 04:26**	**170421L050**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.01880	94	0.01770	88	80-120	6	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/12/17
Work Order: 17-04-0940
Preparation: EPA 5030C
Method: EPA 8260B SIM
Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-118-492	**LCS**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 11:06**	**170424L033**
099-15-118-492	**LCSD**	**Aqueous**	**GC/MS M**	**04/24/17**	**04/24/17 11:36**	**170424L033**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.01640	82	0.01830	92	80-120	11	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-04-0940 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 218.6	N/A	1065	IC 16	1
EPA 6020	EPA 3020A Total	598	ICP/MS 03	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B SIM	EPA 5030C	486	GC/MS M	2
EPA 8270C (M) Isotope Dilution	EPA 3510C	928	GC/MS DDD	1

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Glossary of Terms and Qualifiers

Work Order: 17-04-0940 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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For courier services / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

Date 4-12-2017

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WO NO. / LAB USE ONLY

17-04-0940

LABORATORY CLIENT: Tetra Tech Inc

ADDRESS: 301 E Vanderbilt Way Suite 450

CITY: San Bernardino STATE: CA ZIP: 92408

TEL: E-MAIL:

CLIENT PROJECT NAME / NO.: LMC Bay

PROJECT CONTACT: Robert Slater

P.O. NO.:

LAB CONTACT OR QUOTE NO.

GLOBAL ID: TASK CODE:

SAMPLER(S): (PRINT) Jason Cook, Vanessa Calder

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD

☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS

REQUESTED ANALYSES

Please check box or fill in blanks as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO	TPH ☐ C8-C36 ☐ C8-C44	TPH	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Preps (3050) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/7471X ☐ 6020/7472X	CrVI ☐ 7196 ☐ 7199 ☐ 218.6	44 Diesel	TOP/MS Metals	Hex Cr	1,2,3 TCP
1	C-1-CW08-N-1702	4-12-17	1605	W	13	✓	✓							5									1	1	1	5
2	C-1-CW07-N-1702	4-12-17	1500	W	13	✓	✓							5									1	1	1	5
3	LTB-20170412	4-12-17	0600	W	3		✓							2												
4	B-1-CW03-N-1702	4-12-17	0900	W	13	✓	✓							5									1	1	1	5
5	B-1-CW28-FD-1702	4-12-17	0900	W	13	✓	✓							5									1	1	1	5
6	B-1-CW13-N-1702	4-12-17	1018	W	13	✓	✓							5									1	1	1	5
7	3850E-N-1702	4-12-17	1529	W	13	✓	✓							5									1	1	1	5
8	3850H-N-1702	4-12-17	1695	W	13	✓	✓							5									1	1	1	5

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 4-12-2017	Time: 1702
Relinquished by: (Signature)	Received by: (Signature/Affiliation) Dennyle ECC	Date: 4/12/17	Time: 1910
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2016-04-01-Revision

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WORK ORDER NUMBER: 17-04- 0940

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Tetra Tech

DATE: 04 / 12 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC (CF: 0.0°C); Temperature (w/o CF): 2.0 °C (w/ CF): 2.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 1091

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1091

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1110

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☐	☑	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 170328A)

Aqueous: ☐ VOA ☑ VOAh ☐ VOAna_2 ☐ 100PJ ☐ 100PJna_2 ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB ☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☑ 250PBn ☐ 500AGB ☐ 500AGJ ☐ 500AGJs ☐ 500PB ☐ 1AGB ☐ 1AGBna_2 ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (____) ☐ EnCores® (____) ☐ TerraCores® (____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na_2** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4$.H_2O, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1110

Reviewed by: GV

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WORK ORDER NUMBER: 17-04- 0940

SAMPLE ANOMALY REPORT

DATE: 04 / 12 / 2017

SAMPLES, CONTAINERS, AND LABELS:

Comments

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☑ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☐ Client sample ID
  - ☐ Sampling date and/or time
  - ☑ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

(-4)(-5) received 9 containers instead of 13
(received 6 vials instead of 10)

* Transferred at client's request.

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments: _____

Reported by: LKO

Reviewed by: GM

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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WORK ORDER NUMBER: 17-04-0840

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Tetra Tech, Inc.

Client Project Name: LMC BOU

Attention: Robert Sabater
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Vikas Patel

Approved for release on 04/27/2017 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 17-04-0840

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Work Order Narrative

Work Order: 17-04-0840 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/11/17. They were assigned to Work Order 17-04-0840.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0840
Project Name: LMC BOU
Received: 04/11/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
A-1-CW09-N-17Q2 (17-04-0840-1)						
Chromium, Hexavalent	1.4		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00224		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.9		0.50	ug/L	EPA 8260B	EPA 5030C
1,1,2-Trichloroethane	7.5		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	0.74		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	10		1.0	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	0.38	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloropropane	0.52		0.50	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	1.1		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	3.8		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	5.9		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	5.9		0.50	ug/L	EPA 8260B	EPA 5030C
Methyl-t-Butyl Ether (MTBE)	0.44	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	15		1.2	ug/L	EPA 8260B SIM	EPA 5030C
1,4-Dioxane	3.7		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
C-1-CW02-N-17Q2 (17-04-0840-2)						
Chromium	0.000600	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
Dichlorodifluoromethane	0.86	J	0.40*	ug/L	EPA 8260B	EPA 5030C
LTB-20170411 (17-04-0840-3)						
Acetone	4.6	J	4.0*	ug/L	EPA 8260B	EPA 5030C
A-1-CW02-N-17Q2 (17-04-0840-4)						
Chromium	0.00365		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.41	J	0.24*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.29	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	21		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	4.2		0.50	ug/L	EPA 8260B	EPA 5030C
B-6-CW08-N-17Q2 (17-04-0840-5)						
Chromium, Hexavalent	0.028		0.020	ug/L	EPA 218.6	N/A
Chromium	0.000834	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.43	J	0.24*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.27	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	12		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	3.2		0.50	ug/L	EPA 8260B	EPA 5030C
Methyl-t-Butyl Ether (MTBE)	0.24	J	0.20*	ug/L	EPA 8260B	EPA 5030C

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* MDL is shown

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Detections Summary

Client:	Tetra Tech, Inc.	Work Order:	17-04-0840
	301 E. Vanderbilt Way, Suite 450	Project Name:	LMC BOU
	San Bernardino, CA 92408-3562	Received:	04/11/17
Attn:	Robert Sabater		Page 2 of 2

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
B-6-CW05-N-17Q2 (17-04-0840-6)						
Chromium, Hexavalent	0.10		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00172		0.00100	mg/L	EPA 6020	EPA 3020A Total
Chloroform	0.27	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	0.20	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Methyl-t-Butyl Ether (MTBE)	0.24	J	0.20*	ug/L	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW09-N-17Q2	**17-04-0840-1-L**	**04/11/17 16:13**	**Aqueous**	**IC 16**	**N/A**	**04/11/17 21:59**	**170411L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	1.4	0.020	0.0099	1.00	

C-1-CW02-N-17Q2	**17-04-0840-2-L**	**04/11/17 12:43**	**Aqueous**	**IC 16**	**N/A**	**04/11/17 22:09**	**170411L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

A-1-CW02-N-17Q2	**17-04-0840-4-L**	**04/11/17 10:21**	**Aqueous**	**IC 16**	**N/A**	**04/11/17 22:21**	**170411L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

B-6-CW08-N-17Q2	**17-04-0840-5-L**	**04/11/17 13:57**	**Aqueous**	**IC 16**	**N/A**	**04/11/17 22:32**	**170411L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.028	0.020	0.0099	1.00	

B-6-CW05-N-17Q2	**17-04-0840-6-L**	**04/11/17 15:20**	**Aqueous**	**IC 16**	**N/A**	**04/11/17 22:43**	**170411L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.10	0.020	0.0099	1.00	

Method Blank	**099-14-567-236**	**N/A**	**Aqueous**	**IC 16**	**N/A**	**04/11/17 16:37**	**170411L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW09-N-17Q2	**17-04-0840-1-K**	**04/11/17 16:13**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/20/17 19:26**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00224	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW02-N-17Q2	**17-04-0840-2-K**	**04/11/17 12:43**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/20/17 19:29**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.000600	0.00100	0.000402	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW02-N-17Q2	**17-04-0840-4-K**	**04/11/17 10:21**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/20/17 20:07**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00365	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW08-N-17Q2	**17-04-0840-5-K**	**04/11/17 13:57**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/20/17 20:10**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.000834	0.00100	0.000402	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW05-N-17Q2	**17-04-0840-6-K**	**04/11/17 15:20**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/20/17 20:12**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00172	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**096-06-003-5537**	**N/A**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/19/17 01:58**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	ND	0.00100	0.000402	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW09-N-17Q2	**17-04-0840-1-M**	**04/11/17 16:13**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 00:09**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	3.7	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	85	56-123	
1,4-Dioxane-d8(IDS-IS)	42	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW02-N-17Q2	**17-04-0840-2-M**	**04/11/17 12:43**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 00:25**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	90	56-123	
1,4-Dioxane-d8(IDS-IS)	43	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW02-N-17Q2	**17-04-0840-4-M**	**04/11/17 10:21**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 00:42**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	84	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW08-N-17Q2	**17-04-0840-5-M**	**04/11/17 13:57**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 00:58**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	89	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW05-N-17Q2	**17-04-0840-6-M**	**04/11/17 15:20**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 01:14**	**170413L06**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	83	56-123	
1,4-Dioxane-d8(IDS-IS)	44	30-120	

Method Blank	099-16-216-1009	N/A	Aqueous	GC/MS DDD	04/13/17	04/13/17 23:05	170413L06

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	89	56-123	
1,4-Dioxane-d8(IDS-IS)	44	30-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 1 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW09-N-17Q2	**17-04-0840-1-A**	**04/11/17 16:13**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 22:06**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.9	0.50	0.24	1.00	
1,1,2-Trichloroethane	7.5	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.74	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	10	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	0.38	0.50	0.20	1.00	J
1,2-Dichloropropane	0.52	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	1.1	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	3.8	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	5.9	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	5.9	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	0.44	0.50	0.20	1.00	J
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	100	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0840
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 3 of 24

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	106	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 4 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW02-N-17Q2	**17-04-0840-2-B**	**04/11/17 12:43**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/22/17 13:32**	**170422L005**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	0.86	1.0	0.40	1.00	J
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	99	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0840
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 6 of 24

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170411	**17-04-0840-3-A**	**04/11/17 07:00**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 21:35**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	4.6	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0840
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 8 of 24

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	99	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0840
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 9 of 24

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	104	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 10 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW02-N-17Q2	**17-04-0840-4-B**	**04/11/17 10:21**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/22/17 14:02**	**170422L005**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.41	0.50	0.24	1.00	J
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.29	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	21	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	4.2	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-120	
Dibromofluoromethane	100	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0840
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 12 of 24

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	106	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 13 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW08-N-17Q2	**17-04-0840-5-A**	**04/11/17 13:57**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/22/17 14:33**	**170422L005**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.43	0.50	0.24	1.00	J
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.27	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	12	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	3.2	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	0.24	0.50	0.20	1.00	J
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	97	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0840
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 15 of 24

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	104	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 16 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW05-N-17Q2	**17-04-0840-6-A**	**04/11/17 15:20**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/22/17 15:03**	**170422L005**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.27	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	0.20	0.50	0.20	1.00	J
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	0.24	0.50	0.20	1.00	J
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-120	
Dibromofluoromethane	98	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0840
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 18 of 24

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	106	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 19 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4633**	**N/A**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 11:52**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0840
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 20 of 24

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	68-120	
Dibromofluoromethane	94	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0840
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 21 of 24

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	96	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 22 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4639**	**N/A**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/22/17 10:53**	**170422L005**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0840
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 23 of 24

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-120	
Dibromofluoromethane	100	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0840
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 24 of 24

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	107	80-128	
Toluene-d8	94	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW09-N-17Q2	**17-04-0840-1-G**	**04/11/17 16:13**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 14:34**	**170417L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	15	1.2	0.62	250	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	111	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW02-N-17Q2	**17-04-0840-2-G**	**04/11/17 12:43**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 16:33**	**170417L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	118	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170411	**17-04-0840-3-C**	**04/11/17 07:00**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 17:00**	**170413L029**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	103	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW02-N-17Q2	**17-04-0840-4-G**	**04/11/17 10:21**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 17:03**	**170417L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	106	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
		Units:	ug/L
Project: LMC BOU			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW08-N-17Q2	**17-04-0840-5-G**	**04/11/17 13:57**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 17:33**	**170417L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	109	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW05-N-17Q2	**17-04-0840-6-G**	**04/11/17 15:20**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 18:04**	**170417L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	108	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-484**	**N/A**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 12:32**	**170413L029**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	90	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-487**	**N/A**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 11:34**	**170417L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	106	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: N/A
Method: EPA 218.6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-6-CW05-N-17Q2	**Sample**	**Aqueous**	**IC 16**	**N/A**	**04/11/17 22:43**	**170411S01**
B-6-CW05-N-17Q2	**Matrix Spike**	**Aqueous**	**IC 16**	**N/A**	**04/11/17 22:54**	**170411S01**
B-6-CW05-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**IC 16**	**N/A**	**04/11/17 23:06**	**170411S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	0.1050	10.00	10.51	104	10.78	107	85-121	3	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 3020A Total
Method: EPA 6020
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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1153-8	**Sample**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/19/17 02:08**	**170417SA3**
17-04-1153-8	**Matrix Spike**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/19/17 02:03**	**170417SA3**
17-04-1153-8	**Matrix Spike Duplicate**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/19/17 02:06**	**170417SA3**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium	ND	0.1000	0.09347	93	0.09325	93	73-133	0	0-11	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
A-1-CW09-N-17Q2	**Sample**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/14/17 00:09**	**170413S06**
A-1-CW09-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/13/17 23:37**	**170413S06**
A-1-CW09-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/13/17 23:53**	**170413S06**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	3.735	20.00	24.31	103	23.79	100	50-130	2	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0729-1	**Sample**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 13:26**	**170421S007**
17-04-0729-1	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 13:57**	**170421S007**
17-04-0729-1	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 14:27**	**170421S007**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	2.492	10.00	12.11	96	12.82	103	66-126	6	0-20	
1,2-Dibromoethane	ND	10.00	9.127	91	9.658	97	75-126	6	0-20	
1,2-Dichlorobenzene	ND	10.00	9.015	90	9.756	98	75-125	8	0-20	
1,2-Dichloroethane	ND	10.00	9.624	96	10.23	102	75-127	6	0-20	
Benzene	ND	10.00	9.052	91	9.375	94	75-125	4	0-20	
Carbon Tetrachloride	1.099	10.00	8.964	79	9.474	84	69-135	6	0-20	
Chlorobenzene	ND	10.00	9.259	93	9.760	98	75-125	5	0-20	
Ethylbenzene	ND	10.00	9.191	92	9.849	98	75-125	7	0-20	
Toluene	ND	10.00	9.315	93	9.762	98	75-125	5	0-20	
Trichloroethene	20.58	10.00	29.62	90	29.91	93	75-125	1	0-20	
Vinyl Chloride	ND	10.00	11.72	117	11.77	118	52-142	0	0-20	
o-Xylene	ND	10.00	9.303	93	9.796	98	75-127	5	0-20	
p/m-Xylene	ND	20.00	18.32	92	19.62	98	75-125	7	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.580	96	8.964	90	71-131	7	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/11/17
Work Order: 17-04-0840
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1162-18	**Sample**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/22/17 11:30**	**170422S001**
17-04-1162-18	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/22/17 12:00**	**170422S001**
17-04-1162-18	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/22/17 12:31**	**170422S001**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	1.521	10.00	12.82	113	12.11	106	66-126	6	0-20	
1,2-Dibromoethane	ND	10.00	9.703	97	9.547	95	75-126	2	0-20	
1,2-Dichlorobenzene	ND	10.00	10.30	103	9.847	98	75-125	5	0-20	
1,2-Dichloroethane	0.7651	10.00	11.26	105	10.79	100	75-127	4	0-20	
Benzene	ND	10.00	10.40	104	9.936	99	75-125	5	0-20	
Carbon Tetrachloride	ND	10.00	9.648	96	9.337	93	69-135	3	0-20	
Chlorobenzene	ND	10.00	10.79	108	10.27	103	75-125	5	0-20	
Ethylbenzene	ND	10.00	10.90	109	10.15	102	75-125	7	0-20	
Toluene	ND	10.00	10.63	106	10.21	102	75-125	4	0-20	
Trichloroethene	20.58	10.00	32.14	116	30.98	104	75-125	4	0-20	
Vinyl Chloride	ND	10.00	11.63	116	11.50	115	52-142	1	0-20	
o-Xylene	ND	10.00	10.65	106	10.11	101	75-127	5	0-20	
p/m-Xylene	ND	20.00	21.69	108	20.39	102	75-125	6	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	8.662	87	9.239	92	71-131	6	0-20	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0944-2	**Sample**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 13:39**	**170413S014**
17-04-0944-2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 15:00**	**170413S014**
17-04-0944-2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 15:31**	**170413S014**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.01800	90	0.01560	78	80-120	14	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0598-8	**Sample**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 12:34**	**170417S008**
17-04-0598-8	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 15:03**	**170417S008**
17-04-0598-8	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 15:34**	**170417S008**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	0.005600	0.02000	0.02790	112	0.02590	102	80-120	7	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
17-04-1153-8	**Sample**	**Aqueous**	**ICP/MS 03**	**04/17/17 00:00**	**04/19/17 02:08**	**170417SA3**
17-04-1153-8	**PDS**	**Aqueous**	**ICP/MS 03**	**04/17/17 00:00**	**04/24/17 11:42**	**170417SA3**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Chromium	ND	0.1000	0.1000	100	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	N/A
		Method:	EPA 218.6
Project: LMC BOU			Page 1 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-567-236	**LCS**	**Aqueous**	**IC 16**	**N/A**	**04/11/17 16:48**	**170411L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	10.00	10.10	101	95-107	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
096-06-003-5537	**LCS**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/19/17 02:01**	**170417LA3**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium	0.1000	0.1031	103	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 3510C
		Method:	EPA 8270C (M) Isotope Dilution
Project: LMC BOU			Page 3 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-216-1009	**LCS**	**Aqueous**	**GC/MS DDD**	**04/13/17**	**04/13/17 23:21**	**170413L06**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	19.24	96	50-130	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 4 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4633	**LCS**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 11:06**	**170421L006**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	10.03	100	77-120	70-127	
1,2-Dibromoethane	10.00	10.32	103	80-120	73-127	
1,2-Dichlorobenzene	10.00	10.20	102	80-120	73-127	
1,2-Dichloroethane	10.00	10.40	104	80-122	73-129	
Benzene	10.00	9.936	99	80-120	73-127	
Carbon Tetrachloride	10.00	8.834	88	80-129	72-137	
Chlorobenzene	10.00	10.34	103	80-120	73-127	
Ethylbenzene	10.00	10.33	103	80-120	73-127	
Toluene	10.00	10.32	103	80-120	73-127	
Trichloroethene	10.00	10.32	103	80-120	73-127	
Vinyl Chloride	10.00	10.39	104	63-135	51-147	
o-Xylene	10.00	10.39	104	80-120	73-127	
p/m-Xylene	20.00	20.84	104	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	10.23	102	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 5 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4639	**LCS**	**Aqueous**	**GC/MS L**	**04/22/17**	**04/22/17 10:14**	**170422L005**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	9.840	98	77-120	70-127	
1,2-Dibromoethane	10.00	9.850	99	80-120	73-127	
1,2-Dichlorobenzene	10.00	10.07	101	80-120	73-127	
1,2-Dichloroethane	10.00	10.36	104	80-122	73-129	
Benzene	10.00	9.888	99	80-120	73-127	
Carbon Tetrachloride	10.00	8.893	89	80-129	72-137	
Chlorobenzene	10.00	10.12	101	80-120	73-127	
Ethylbenzene	10.00	10.13	101	80-120	73-127	
Toluene	10.00	10.14	101	80-120	73-127	
Trichloroethene	10.00	10.18	102	80-120	73-127	
Vinyl Chloride	10.00	10.02	100	63-135	51-147	
o-Xylene	10.00	10.08	101	80-120	73-127	
p/m-Xylene	20.00	20.13	101	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	8.522	85	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-484	**LCS**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 11:28**	**170413L029**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.01880	94	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/11/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0840
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-487	**LCS**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 10:34**	**170417L018**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.01960	98	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-04-0840 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 218.6	N/A	1065	IC 16	1
EPA 6020	EPA 3020A Total	598	ICP/MS 03	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B SIM	EPA 5030C	486	GC/MS M	2
EPA 8270C (M) Isotope Dilution	EPA 3510C	928	GC/MS DDD	1

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Glossary of Terms and Qualifiers

Work Order: 17-04-0840 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us25_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

Date: 4-11-2017
Page: 1 of 1

WO NO. / LAB USE ONLY: **17-04-0840**

LABORATORY CLIENT: Tetra Tech INC
ADDRESS: 301 E Vanderbilt Way Suite 460
CITY: San Bernardino STATE: CA ZIP: 92408
TEL: E-MAIL:

CLIENT PROJECT NAME / NO.: Luc Bou
PROJECT CONTACT: Robert Sabater
GLOBAL ID: LOG CODE:
P.O. NO.:
LAB CONTACT OR QUOTE NO.:
SAMPLER(S): (PRINT) Jason Cole Vanessa Calder

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD')
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C9-C36 ☐ C6-C44	TPH	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	Title 22 Metals ☐ 6010/7471X ☐ 6020/7471X	Cr(VI) ☐ 7199 ☐ 218.6	1,4 Dioxane	TCP/ns Metals	Hex Cr	1,2,3-TCP
1	AH-GW04-N-1702	4-11-17	1613	W	13	✓	✓							5									-	-	-	5
2	C-1-GW02-N-1702	4-11-17	1243	W	13	✓	✓							5									-	-	-	5
3	LTB-20170411	4-11-17	0700	W	3	✓	✓							2												
4	A-1-GW03-N-1703	4-11-17	1021	W	13	✓	✓							5									1	1	1	5
5	B-6-GW05-N-1702	4-11-17	1357	W	13	✓	✓							5									1	1	1	5
6	B-6-GW05-N-1702	4-11-17	1520	W	13	✓	✓							5									1	1	1	5

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
		4-11-17	1640
Relinquished by: (Signature)	Received by: (Signature/Affiliation) Darrell TT2	Date: 4/11/17	Time: 1845
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2018-04-01-Revision

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WORK ORDER NUMBER: 17-04- 0840

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 2

CLIENT: Tetra Tech

DATE: 04 / 11 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC (CF: 0.0°C); Temperature (w/o CF): 2.0 °C (w/ CF): 2.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 1091

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1091

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1057

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 170384)

Aqueous: ☐ VOA ☑ VOAh (10) ☐ VOAna$_2$ ☐ 100PJ ☐ 100PJna$_2$ ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☑ 250PBn ☑ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna$_2$ ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (____) ☐ EnCores® (____) ☐ TerraCores® (____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1057

Reviewed by: LRA

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WORK ORDER NUMBER: 17-04- 0840

SAMPLE RECEIPT CHECKLIST

COOLER 2 OF 2

CLIENT: Tetra Tech

DATE: 04 / 11 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC (CF: 0.0°C); Temperature (w/o CF): 1.8 °C (w/ CF): 1.8 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 1091

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1091

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1053

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☑ VOAh ☐ VOAna_2 ☐ 100PJ ☐ 100PJna_2 ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☑ 250PBn ☑ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna_2 ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1053

Reviewed by: 619

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WORK ORDER NUMBER: 17-04-0729

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Tetra Tech, Inc.

Client Project Name: LMC BOU

Attention: Robert Sabater
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Approved for release on 04/25/2017 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 17-04-0729

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Work Order Narrative

Work Order: 17-04-0729 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/10/17. They were assigned to Work Order 17-04-0729.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0729
Project Name: LMC BOU
Received: 04/10/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
MW-04-N-17Q2 (17-04-0729-1)						
Chromium, Hexavalent	2.2		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00249		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.3		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	2.5		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.58	J	0.40*	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	0.22	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Acetone	11		10	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	1.1		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	1.5		0.50	ug/L	EPA 8260B	EPA 5030C
Naphthalene	0.82	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	29		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	21		0.50	ug/L	EPA 8260B	EPA 5030C
Trichlorofluoromethane	0.34	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.96		0.050	ug/L	EPA 8260B SIM	EPA 5030C
SW-5-N-17Q2 (17-04-0729-2)						
Chromium, Hexavalent	4.7		0.020	ug/L	EPA 218.6	N/A
Chromium	0.0570		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	3.1		1.0	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethane	0.60	J	0.40*	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	3.8		1.0	ug/L	EPA 8260B	EPA 5030C
Acetone	11	J	8.0*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.67	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.94	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	51		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	32		1.0	ug/L	EPA 8260B	EPA 5030C
B-5-CW02-N-17Q2 (17-04-0729-3)						
Chromium	0.000679	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
Dichlorodifluoromethane	0.91	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	0.70		0.50	ug/L	EPA 8260B	EPA 5030C
B-1-CW27-N-17Q2 (17-04-0729-5)						
Chromium, Hexavalent	5.2		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00611		0.00100	mg/L	EPA 6020	EPA 3020A Total
Chloroform	0.32	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	4.0		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	2.3		0.50	ug/L	EPA 8260B	EPA 5030C

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* MDL is shown

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0729
Project Name: LMC BOU
Received: 04/10/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
A-1-CW05-N-17Q2 (17-04-0729-6)						
Chromium	0.000622	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
Dichlorodifluoromethane	0.84	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	4.0		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	0.44	J	0.29*	ug/L	EPA 8260B	EPA 5030C
1,4-Dioxane	2.3		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
A-1-CW05-FD-17Q2 (17-04-0729-7)						
Chromium	0.000512	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
Acetone	4.4	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	0.85	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	4.3		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	0.50		0.50	ug/L	EPA 8260B	EPA 5030C
1,4-Dioxane	2.7		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
A-1-CW04-N-17Q2 (17-04-0729-8)						
Chromium, Hexavalent	0.88		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00164		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.3		0.50	ug/L	EPA 8260B	EPA 5030C
1,1,2-Trichloroethane	7.4		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	0.76		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	17		1.0	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	0.42	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloropropane	0.50		0.50	ug/L	EPA 8260B	EPA 5030C
Acetone	4.7	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.91		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	3.6		0.50	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	0.88	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	5.2		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	4.8		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	25		2.5	ug/L	EPA 8260B SIM	EPA 5030C
1,4-Dioxane	2.0		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C

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* MDL is shown

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0729
Project Name: LMC BOU
Received: 04/10/17

Attn: Robert Sabater

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
3862E-N-17Q2 (17-04-0729-9)						
Chromium, Hexavalent	1.0		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00166		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethene	0.58		0.50	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.40	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.29	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	0.87	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	15		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	32		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.21	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.013		0.0050	ug/L	EPA 8260B SIM	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-04-N-17Q2	**17-04-0729-1-K**	**04/10/17 08:58**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 21:21**	**170410L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	2.2	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SW-5-N-17Q2	**17-04-0729-2-K**	**04/10/17 13:20**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 21:32**	**170410L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	4.7	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-CW02-N-17Q2	**17-04-0729-3-K**	**04/10/17 15:56**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 21:43**	**170410L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW27-N-17Q2	**17-04-0729-5-K**	**04/10/17 09:11**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 21:54**	**170410L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	5.2	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW05-N-17Q2	**17-04-0729-6-G**	**04/10/17 11:36**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 22:06**	**170410L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW05-FD-17Q2	**17-04-0729-7-G**	**04/10/17 11:36**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 22:17**	**170410L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW04-N-17Q2	**17-04-0729-8-G**	**04/10/17 13:26**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 22:28**	**170410L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.88	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3862E-N-17Q2	**17-04-0729-9-G**	**04/10/17 15:22**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 22:39**	**170410L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	1.0	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-567-234**	**N/A**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 16:29**	**170410L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-04-N-17Q2	**17-04-0729-1-L**	**04/10/17 08:58**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/20/17 19:06**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00249	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SW-5-N-17Q2	**17-04-0729-2-L**	**04/10/17 13:20**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/20/17 19:09**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0570	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-CW02-N-17Q2	**17-04-0729-3-L**	**04/10/17 15:56**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/20/17 19:11**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.000679	0.00100	0.000402	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW27-N-17Q2	**17-04-0729-5-L**	**04/10/17 09:11**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/21/17 11:09**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00611	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW05-N-17Q2	**17-04-0729-6-L**	**04/10/17 11:36**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/20/17 19:16**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.000622	0.00100	0.000402	1.00	J

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW05-FD-17Q2	**17-04-0729-7-L**	**04/10/17 11:36**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/20/17 19:19**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.000512	0.00100	0.000402	1.00	J

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW04-N-17Q2	**17-04-0729-8-L**	**04/10/17 13:26**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/20/17 19:21**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00164	0.00100	0.000402	1.00	

3862E-N-17Q2	**17-04-0729-9-L**	**04/10/17 15:22**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/20/17 19:24**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00166	0.00100	0.000402	1.00	

Method Blank	**096-06-003-5537**	**N/A**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/19/17 01:58**	**170417LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	ND	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-04-N-17Q2	**17-04-0729-1-M**	**04/10/17 08:58**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/12/17 18:25**	**170412L07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	102	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SW-5-N-17Q2	**17-04-0729-2-M**	**04/10/17 13:20**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/12/17 18:40**	**170412L07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	99	56-123	
1,4-Dioxane-d8(IDS-IS)	42	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-CW02-N-17Q2	**17-04-0729-3-M**	**04/10/17 15:56**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/12/17 18:56**	**170412L07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	99	56-123	
1,4-Dioxane-d8(IDS-IS)	41	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW27-N-17Q2	**17-04-0729-5-M**	**04/10/17 09:11**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/12/17 19:12**	**170412L07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	102	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW05-N-17Q2	**17-04-0729-6-I**	**04/10/17 11:36**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/12/17 19:28**	**170412L07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	2.3	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	103	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW05-FD-17Q2	**17-04-0729-7-I**	**04/10/17 11:36**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/12/17 19:43**	**170412L07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	2.7	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	100	56-123	
1,4-Dioxane-d8(IDS-IS)	42	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW04-N-17Q2	**17-04-0729-8-M**	**04/10/17 13:26**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/12/17 19:59**	**170412L07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	2.0	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	97	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3862E-N-17Q2	**17-04-0729-9-M**	**04/10/17 15:22**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/12/17 20:15**	**170412L07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	100	56-123	
1,4-Dioxane-d8(IDS-IS)	41	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-216-1005**	**N/A**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/12/17 15:00**	**170412L07**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	106	56-123	
1,4-Dioxane-d8(IDS-IS)	43	30-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-04-N-17Q2	**17-04-0729-1-B**	**04/10/17 08:58**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 13:26**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.3	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	2.5	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	0.58	1.0	0.40	1.00	J
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	0.22	0.50	0.20	1.00	J
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	11	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	1.1	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	1.5	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	0.82	1.0	0.40	1.00	J
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	29	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	21	0.50	0.29	1.00	
Trichlorofluoromethane	0.34	0.50	0.20	1.00	J
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	68-120	
Dibromofluoromethane	97	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0729
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 3 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	102	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SW-5-N-17Q2	**17-04-0729-2-B**	**04/10/17 13:20**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 14:58**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	2.00	
1,1,1-Trichloroethane	ND	1.0	0.40	2.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.40	2.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	3.1	1.0	0.48	2.00	
1,1,2-Trichloroethane	ND	1.0	0.40	2.00	
1,1-Dichloroethane	0.60	1.0	0.40	2.00	J
1,1-Dichloroethene	3.8	1.0	0.56	2.00	
1,1-Dichloropropene	ND	1.0	0.60	2.00	
1,2,3-Trichlorobenzene	ND	1.0	0.40	2.00	
1,2,3-Trichloropropane	ND	2.0	0.80	2.00	
1,2,4-Trichlorobenzene	ND	1.0	0.40	2.00	
1,2,4-Trimethylbenzene	ND	1.0	0.40	2.00	
1,2-Dibromo-3-Chloropropane	ND	10	4.0	2.00	
1,2-Dibromoethane	ND	1.0	0.40	2.00	
1,2-Dichlorobenzene	ND	1.0	0.40	2.00	
1,2-Dichloroethane	ND	1.0	0.40	2.00	
1,2-Dichloropropane	ND	1.0	0.40	2.00	
1,3,5-Trimethylbenzene	ND	1.0	0.40	2.00	
1,3-Dichlorobenzene	ND	1.0	0.55	2.00	
1,3-Dichloropropane	ND	2.0	0.80	2.00	
1,4-Dichlorobenzene	ND	1.0	0.40	2.00	
2,2-Dichloropropane	ND	2.0	0.80	2.00	
2-Butanone	ND	10	4.0	2.00	
2-Chlorotoluene	ND	1.0	0.40	2.00	
2-Hexanone	ND	20	8.0	2.00	
4-Chlorotoluene	ND	1.0	0.71	2.00	
4-Methyl-2-Pentanone	ND	10	4.0	2.00	
Acetone	11	20	8.0	2.00	J
Benzene	ND	1.0	0.40	2.00	
Bromobenzene	ND	1.0	0.64	2.00	
Bromochloromethane	ND	2.0	0.80	2.00	
Bromodichloromethane	ND	1.0	0.40	2.00	
Bromoform	ND	1.0	0.49	2.00	
Bromomethane	ND	2.0	0.80	2.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	2.0	0.80	2.00	
Carbon Tetrachloride	0.67	1.0	0.40	2.00	J
Chlorobenzene	ND	1.0	0.40	2.00	
Chloroethane	ND	1.0	0.63	2.00	
Chloroform	0.94	1.0	0.40	2.00	J
Chloromethane	ND	1.0	0.59	2.00	
Dibromochloromethane	ND	1.0	0.40	2.00	
Dibromomethane	ND	1.0	0.40	2.00	
Dichlorodifluoromethane	ND	2.0	0.80	2.00	
Ethylbenzene	ND	1.0	0.40	2.00	
Isopropylbenzene	ND	1.0	0.40	2.00	
Methylene Chloride	ND	2.0	1.6	2.00	
Naphthalene	ND	2.0	0.80	2.00	
Styrene	ND	1.0	0.40	2.00	
Tetrachloroethene	51	1.0	0.40	2.00	
Toluene	ND	1.0	0.40	2.00	
t-1,2-Dichloroethene	ND	1.0	0.40	2.00	
Trichloroethene	32	1.0	0.57	2.00	
Trichlorofluoromethane	ND	1.0	0.40	2.00	
Vinyl Acetate	ND	10	4.0	2.00	
Vinyl Chloride	ND	1.0	0.40	2.00	
c-1,3-Dichloropropene	ND	1.0	0.40	2.00	
c-1,2-Dichloroethene	ND	1.0	0.40	2.00	
n-Butylbenzene	ND	1.0	0.40	2.00	
n-Propylbenzene	ND	1.0	0.40	2.00	
o-Xylene	ND	1.0	0.63	2.00	
p-Isopropyltoluene	ND	1.0	0.40	2.00	
sec-Butylbenzene	ND	1.0	0.40	2.00	
t-1,3-Dichloropropene	ND	1.0	0.40	2.00	
tert-Butylbenzene	ND	1.0	0.40	2.00	
p/m-Xylene	ND	1.0	0.40	2.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.40	2.00	
2-Chloroethyl Vinyl Ether	ND	10	8.4	2.00	
Hexachloro-1,3-Butadiene	ND	4.0	1.6	2.00	
Iodomethane	ND	20	10	2.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	97	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0729
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 6 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 7 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-CW02-N-17Q2	**17-04-0729-3-D**	**04/10/17 15:56**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 15:28**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	0.91	1.0	0.40	1.00	J
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	0.70	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	92	68-120	
Dibromofluoromethane	98	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0729
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 9 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	102	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 10 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170410	**17-04-0729-4-B**	**04/10/17 06:30**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 12:56**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0729
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 11 of 30

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-120	
Dibromofluoromethane	95	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0729
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 12 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	101	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 13 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW27-N-17Q2	**17-04-0729-5-B**	**04/10/17 09:11**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 15:59**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.32	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	4.0	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	2.3	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	96	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0729
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 15 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	102	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 16 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW05-N-17Q2	**17-04-0729-6-B**	**04/10/17 11:36**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 16:30**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	0.84	1.0	0.40	1.00	J
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	4.0	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	0.44	0.50	0.29	1.00	J
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	68-120	
Dibromofluoromethane	96	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0729
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 18 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	101	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 19 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW05-FD-17Q2	**17-04-0729-7-B**	**04/10/17 11:36**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 17:00**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	4.4	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	0.85	1.0	0.40	1.00	J
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	4.3	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	0.50	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	68-120	
Dibromofluoromethane	98	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0729
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 21 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 22 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW04-N-17Q2	**17-04-0729-8-B**	**04/10/17 13:26**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 17:31**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	1.3	0.50	0.24	1.00	
1,1,2-Trichloroethane	7.4	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.76	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	17	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	0.42	0.50	0.20	1.00	J
1,2-Dichloropropane	0.50	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	4.7	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.91	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	3.6	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	0.88	1.0	0.40	1.00	J
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	5.2	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	4.8	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-120	
Dibromofluoromethane	99	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0729
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 24 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	105	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3862E-N-17Q2	**17-04-0729-9-C**	**04/10/17 15:22**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 18:01**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.58	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.40	0.50	0.20	1.00	J
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.29	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	0.87	1.0	0.40	1.00	J
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	15	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	32	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.21	0.50	0.20	1.00	J
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	
Dibromofluoromethane	96	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0729
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 27 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 28 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4633**	**N/A**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 11:52**	**170421L006**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	68-120	
Dibromofluoromethane	94	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0729
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 30 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	96	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-04-N-17Q2	**17-04-0729-1-F**	**04/10/17 08:58**	**Aqueous**	**GC/MS M**	**04/12/17**	**04/13/17 02:13**	**170412L047**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.96	0.050	0.025	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	98	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SW-5-N-17Q2	**17-04-0729-2-G**	**04/10/17 13:20**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 18:30**	**170413L029**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	108	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-5-CW02-N-17Q2	**17-04-0729-3-G**	**04/10/17 15:56**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 19:00**	**170413L029**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	100	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW27-N-17Q2	**17-04-0729-5-G**	**04/10/17 09:11**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 19:30**	**170413L029**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	110	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
		Units:	ug/L
Project: LMC BOU			Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW05-N-17Q2	**17-04-0729-6-E**	**04/10/17 11:36**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/14/17 18:28**	**170414L032**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	114	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW05-FD-17Q2	**17-04-0729-7-F**	**04/10/17 11:36**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/14/17 18:58**	**170414L032**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	113	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW04-N-17Q2	**17-04-0729-8-G**	**04/10/17 13:26**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/14/17 13:59**	**170414L032**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	25	2.5	1.2	500	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	120	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3862E-N-17Q2	**17-04-0729-9-J**	**04/10/17 15:22**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/14/17 19:28**	**170414L032**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.013	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	108	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-483**	**N/A**	**Aqueous**	**GC/MS M**	**04/12/17**	**04/12/17 23:14**	**170412L047**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	110	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-484**	**N/A**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 12:32**	**170413L029**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	90	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-485**	**N/A**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/14/17 11:58**	**170414L032**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.	Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0729
San Bernardino, CA 92408-3562	Preparation:	N/A
	Method:	EPA 218.6
Project: LMC BOU		Page 1 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
3862E-N-17Q2	**Sample**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 22:39**	**170410S01**
3862E-N-17Q2	**Matrix Spike**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 22:51**	**170410S01**
3862E-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 23:02**	**170410S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	1.015	10.00	11.62	106	11.91	109	85-121	2	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1153-8	**Sample**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/19/17 02:08**	**170417SA3**
17-04-1153-8	**Matrix Spike**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/19/17 02:03**	**170417SA3**
17-04-1153-8	**Matrix Spike Duplicate**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/19/17 02:06**	**170417SA3**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium	ND	0.1000	0.09347	93	0.09325	93	73-133	0	0-11	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0796-1	**Sample**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/13/17 15:36**	**170412S07**
17-04-0796-1	**Matrix Spike**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/12/17 15:32**	**170412S07**
17-04-0796-1	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/12/17 15:47**	**170412S07**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	241.6	20.00	264.1	112	272.2	153	50-130	3	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/10/17
Work Order: 17-04-0729
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-04-N-17Q2	**Sample**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 13:26**	**170421S007**
MW-04-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 13:57**	**170421S007**
MW-04-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 14:27**	**170421S007**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	2.492	10.00	12.11	96	12.82	103	66-126	6	0-20	
1,2-Dibromoethane	ND	10.00	9.127	91	9.658	97	75-126	6	0-20	
1,2-Dichlorobenzene	ND	10.00	9.015	90	9.756	98	75-125	8	0-20	
1,2-Dichloroethane	ND	10.00	9.624	96	10.23	102	75-127	6	0-20	
Benzene	ND	10.00	9.052	91	9.375	94	75-125	4	0-20	
Carbon Tetrachloride	1.099	10.00	8.964	79	9.474	84	69-135	6	0-20	
Chlorobenzene	ND	10.00	9.259	93	9.760	98	75-125	5	0-20	
Ethylbenzene	ND	10.00	9.191	92	9.849	98	75-125	7	0-20	
Toluene	ND	10.00	9.315	93	9.762	98	75-125	5	0-20	
Trichloroethene	20.58	10.00	29.62	90	29.91	93	75-125	1	0-20	
Vinyl Chloride	ND	10.00	11.72	117	11.77	118	52-142	0	0-20	
o-Xylene	ND	10.00	9.303	93	9.796	98	75-127	5	0-20	
p/m-Xylene	ND	20.00	18.32	92	19.62	98	75-125	7	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.580	96	8.964	90	71-131	7	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 5 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0793-19	**Sample**	**Aqueous**	**GC/MS M**	**04/12/17**	**04/12/17 23:44**	**170412S028**
17-04-0793-19	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/12/17**	**04/13/17 00:14**	**170412S028**
17-04-0793-19	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/12/17**	**04/13/17 00:44**	**170412S028**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.02130	106	0.02400	120	80-120	12	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0944-2	**Sample**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 13:39**	**170413S014**
17-04-0944-2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 15:00**	**170413S014**
17-04-0944-2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 15:31**	**170413S014**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.01800	90	0.01560	78	80-120	14	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
A-1-CW04-N-17Q2	**Sample**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/14/17 13:59**	**170414S011**
A-1-CW04-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/14/17 14:59**	**170414S011**
A-1-CW04-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/14/17 15:29**	**170414S011**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	24.65	10.00	37.40	128	33.05	84	80-120	12	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
17-04-1153-8	**Sample**	**Aqueous**	**ICP/MS 03**	**04/17/17 00:00**	**04/19/17 02:08**	**170417SA3**
17-04-1153-8	**PDS**	**Aqueous**	**ICP/MS 03**	**04/17/17 00:00**	**04/24/17 11:42**	**170417SA3**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Chromium	ND	0.1000	0.1000	100	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	N/A
		Method:	EPA 218.6
Project: LMC BOU			Page 1 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-567-234	**LCS**	**Aqueous**	**IC 16**	**N/A**	**04/10/17 16:40**	**170410L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	10.00	10.04	100	95-107	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
096-06-003-5537	**LCS**	**Aqueous**	**ICP/MS 03**	**04/17/17**	**04/19/17 02:01**	**170417LA3**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium	0.1000	0.1031	103	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 3510C
		Method:	EPA 8270C (M) Isotope Dilution
Project: LMC BOU			Page 3 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-216-1005	**LCS**	**Aqueous**	**GC/MS DDD**	**04/12/17**	**04/12/17 15:16**	**170412L07**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	19.91	100	50-130	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 4 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4633	**LCS**	**Aqueous**	**GC/MS L**	**04/21/17**	**04/21/17 11:06**	**170421L006**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	10.03	100	77-120	70-127	
1,2-Dibromoethane	10.00	10.32	103	80-120	73-127	
1,2-Dichlorobenzene	10.00	10.20	102	80-120	73-127	
1,2-Dichloroethane	10.00	10.40	104	80-122	73-129	
Benzene	10.00	9.936	99	80-120	73-127	
Carbon Tetrachloride	10.00	8.834	88	80-129	72-137	
Chlorobenzene	10.00	10.34	103	80-120	73-127	
Ethylbenzene	10.00	10.33	103	80-120	73-127	
Toluene	10.00	10.32	103	80-120	73-127	
Trichloroethene	10.00	10.32	103	80-120	73-127	
Vinyl Chloride	10.00	10.39	104	63-135	51-147	
o-Xylene	10.00	10.39	104	80-120	73-127	
p/m-Xylene	20.00	20.84	104	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	10.23	102	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 5 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-483	**LCS**	**Aqueous**	**GC/MS M**	**04/12/17**	**04/12/17 22:15**	**170412L047**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.01680	84	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-484	**LCS**	**Aqueous**	**GC/MS M**	**04/13/17**	**04/13/17 11:28**	**170413L029**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.01880	94	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/10/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0729
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-485	**LCS**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/14/17 10:58**	**170414L032**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.01920	96	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-04-0729 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 218.6	N/A	1065	IC 16	1
EPA 6020	EPA 3020A Total	598	ICP/MS 03	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B SIM	EPA 5030C	486	GC/MS M	2
EPA 8270C (M) Isotope Dilution	EPA 3510C	928	GC/MS DDD	1

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Glossary of Terms and Qualifiers

Work Order: 17-04-0729 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier services / sample drop off information, contact us28_eshs@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

Date 4-10-2017
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WO NO. / LAB USE ONLY
17-04-0729

LABORATORY CLIENT: Terra Tech INC
ADDRESS: 301 E Vanderbilt Way Suite 450
CITY: San Bernardino STATE: CA ZIP: 92408
TEL: EMAIL:

CLIENT PROJECT NAME / NO.: LMC BOH
PROJECT CONTACT: Robert Sabater
GLOBAL ID: LOG CODE:
P.O. NO.:
LAB CONTACT OR QUOTE NO.
SAMPLER(S): (PRINT) Jason Cook, Vanessa Calder

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD
☐ GEOLTEDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (3510C) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/7471A ☐ 6020/7471A	CAM 17 ☐ 7196 ☐ 218.6	1,4 Dioxane	TCLP Ms Metals	Hex Cr	1,2,3 TCP
1	MW-04-N-1702	4-10-17	0858	W	13	✓	✓							5									1	1	1	5
2	SW-5-N-170	4-10-17	1320	W	13	✓	✓							5									1	1	1	5
3	B-5-CAMOR-N170	4-10-17	1556	W	13	✓	✓							5									1	1	1	5
4	LTB-20170410	4-10-17	0630	W	3		✓							2												
5	B-1-GW27-N-170a	4-10-17	0911	W	13	✓	✓							5									1	1	1	5
6	A-1-GW05-N-1702	4-10-17	1136	W	13	✓	✓							5									1	1	1	5
7	A-1-GW05-FD-1702	4-10-17	1136	W	13	✓	✓							5									1	1	1	5
8	A-1-GW04-N-170a	4-10-17	1326	W	13	✓	✓							5									1	1	1	5
9	3642E-N-1702	4-10-17	1522	W	13	✓	✓							5									1	1	1	5

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 4-10-17	Time: 1644
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 4/10/17	Time: 1830
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2016-04-01-Revision

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WORK ORDER NUMBER: 17-04- 0729

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Tetra Tech

DATE: 04 / 10 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC (CF: 0.0°C); Temperature (w/o CF): 2.2 °C (w/ CF): 2.2 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 1091

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1091

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1110

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☑	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☑ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 170328A)

Aqueous: ☐ VOA ☑ VOAh ☐ VOAna$_2$ ☐ 100PJ ☐ 100PJna$_2$ ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☑ 250PBn ☑ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna$_2$ ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ Other Matrix (_____): ☐ _____ ☐ _____

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO_3, na = NaOH, na$_2$ = $Na_2S_2O_3$, p = H_3PO_4, s = H_2SO_4, u = ultra-pure, x = Na_2SO_3+$NaHSO_4.H_2O$, znna = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1110

Reviewed by: 68

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WORK ORDER NUMBER: 17-04- 0729

SAMPLE ANOMALY REPORT

DATE: 04 / 10 / 2017

SAMPLES, CONTAINERS, AND LABELS:

	Comments
☐ Sample(s) NOT RECEIVED but listed on COC	
☐ Sample(s) received but NOT LISTED on COC	
☐ Holding time expired (list client or ECI sample ID and analysis)	
☐ Insufficient sample amount for requested analysis (list analysis)	
☐ Improper container(s) used (list analysis)	
☐ Improper preservative used (list analysis)	
☐ No preservative noted on COC or label (list analysis and notify lab)	(-2) labeled as SW-5-N-17Q2 collection date & time matched.
☐ Sample container(s) not labeled	
☐ Client sample label(s) illegible (list container type and analysis)	
☑ Client sample label(s) do not match COC (comment)	
☐ Project information	(-5) & (-7) Received 9 containers instead of 13 (received 6 vials instead of 10).
☑ Client sample ID	
☐ Sampling date and/or time	
☑ Number of container(s)	
☐ Requested analysis	
☐ Sample container(s) compromised (comment)	
☐ Broken	
☐ Water present in sample container	
☐ Air sample container(s) compromised (comment)	
☐ Flat	
☐ Very low in volume	
☐ Leaking (not transferred; duplicate bag submitted)	
☐ Leaking (transferred into ECI Tedlar™ bags*)	
☐ Leaking (transferred into client's Tedlar™ bags*)	

* Transferred at client's request.

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments:

Reported by: 1110

Reviewed by: GR

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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WORK ORDER NUMBER: 17-04-0598

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Tetra Tech, Inc.

Client Project Name: LMC BOU

Attention: Robert Sabater
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Approved for release on 04/25/2017 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 17-04-0598

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Work Order Narrative

Work Order: 17-04-0598 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/07/17. They were assigned to Work Order 17-04-0598.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0598
Project Name: LMC BOU
Received: 04/07/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
MW-03-N-17Q2 (17-04-0598-1)						
Chromium, Hexavalent	2.7		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00297		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	2.9		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	7.2		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.53	J	0.40*	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	0.32	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Acetone	4.1	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.78		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	2.6		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	32		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	12		0.50	ug/L	EPA 8260B	EPA 5030C
Trichlorofluoromethane	0.34	J	0.20*	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.25	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.93		0.050	ug/L	EPA 8260B SIM	EPA 5030C
MW-08-N-17Q2 (17-04-0598-2)						
Chromium, Hexavalent	2.1		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00281		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	3.4		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	2.1		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.65	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Acetone	6.3	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.57		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	4.3		0.50	ug/L	EPA 8260B	EPA 5030C
Naphthalene	0.45	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	24		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	71		2.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.93		0.050	ug/L	EPA 8260B SIM	EPA 5030C

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0598
Project Name: LMC BOU
Received: 04/07/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
MW-07-N-17Q2 (17-04-0598-3)						
Chromium, Hexavalent	1.9		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00262		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	3.9		0.50	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	2.9		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.40	J	0.40*	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	0.23	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Acetone	4.0	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.34	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	1.9		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	17		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	34		1.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.60		0.050	ug/L	EPA 8260B SIM	EPA 5030C
3871H-N-17Q2 (17-04-0598-5)						
Chromium, Hexavalent	9.6		0.020	ug/L	EPA 218.6	N/A
Chromium	0.0114		0.00100	mg/L	EPA 6020	EPA 3020A Total
Tetrachloroethene	120		4.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	140		4.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.084		0.0050	ug/L	EPA 8260B SIM	EPA 5030C
3871J-N-17Q2 (17-04-0598-6)						
Chromium, Hexavalent	3.8		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00447		0.00100	mg/L	EPA 6020	EPA 3020A Total
Acetone	5.5	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	0.25	J	0.20*	ug/L	EPA 8260B	EPA 5030C
3861F-N-17Q2 (17-04-0598-7)						
Chromium, Hexavalent	4.9		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00556		0.00100	mg/L	EPA 6020	EPA 3020A Total
Acetone	7.2	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.39	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	7.0		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	4.1		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.0045	J	0.0025*	ug/L	EPA 8260B SIM	EPA 5030C

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Detections Summary

Client:	Tetra Tech, Inc.	Work Order:	17-04-0598
	301 E. Vanderbilt Way, Suite 450	Project Name:	LMC BOU
	San Bernardino, CA 92408-3562	Received:	04/07/17
Attn:	Robert Sabater		Page 3 of 3

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction
3861D-N-17Q2 (17-04-0598-8)						
Chromium, Hexavalent	6.8		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00894		0.00100	mg/L	EPA 6020	EPA 3020A Total
Acetone	4.1	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.41	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	1.2		0.50	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	7.1		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	24		0.50	ug/L	EPA 8260B	EPA 5030C
Toluene	0.41	J	0.20*	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.21	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	160		10	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.0056		0.0050	ug/L	EPA 8260B SIM	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-03-N-17Q2	**17-04-0598-1-M**	**04/07/17 12:58**	**Aqueous**	**IC 16**	**N/A**	**04/07/17 21:40**	**170407L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	2.7	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-08-N-17Q2	**17-04-0598-2-M**	**04/07/17 11:01**	**Aqueous**	**IC 16**	**N/A**	**04/07/17 21:51**	**170407L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	2.1	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-07-N-17Q2	**17-04-0598-3-M**	**04/07/17 09:26**	**Aqueous**	**IC 16**	**N/A**	**04/07/17 22:02**	**170407L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	1.9	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3871H-N-17Q2	**17-04-0598-5-M**	**04/07/17 09:45**	**Aqueous**	**IC 16**	**N/A**	**04/07/17 22:14**	**170407L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	9.6	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3871J-N-17Q2	**17-04-0598-6-M**	**04/07/17 11:02**	**Aqueous**	**IC 16**	**N/A**	**04/07/17 22:25**	**170407L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	3.8	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3861F-N-17Q2	**17-04-0598-7-M**	**04/07/17 12:19**	**Aqueous**	**IC 16**	**N/A**	**04/07/17 22:36**	**170407L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	4.9	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3861D-N-17Q2	**17-04-0598-8-M**	**04/07/17 13:50**	**Aqueous**	**IC 16**	**N/A**	**04/07/17 22:47**	**170407L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	6.8	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-567-233**	**N/A**	**Aqueous**	**IC 16**	**N/A**	**04/07/17 19:31**	**170407L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-03-N-17Q2	**17-04-0598-1-L**	**04/07/17 12:58**	**Aqueous**	**ICP/MS 05**	**04/17/17**	**04/17/17 19:22**	**170417LA1**

Parameter	Result	RL	DF	Qualifiers
Chromium	0.00297	0.00100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-08-N-17Q2	**17-04-0598-2-L**	**04/07/17 11:01**	**Aqueous**	**ICP/MS 05**	**04/17/17**	**04/17/17 19:25**	**170417LA1**

Parameter	Result	RL	DF	Qualifiers
Chromium	0.00281	0.00100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-07-N-17Q2	**17-04-0598-3-L**	**04/07/17 09:26**	**Aqueous**	**ICP/MS 05**	**04/17/17**	**04/17/17 19:29**	**170417LA1**

Parameter	Result	RL	DF	Qualifiers
Chromium	0.00262	0.00100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3871H-N-17Q2	**17-04-0598-5-L**	**04/07/17 09:45**	**Aqueous**	**ICP/MS 05**	**04/17/17**	**04/17/17 19:33**	**170417LA1**

Parameter	Result	RL	DF	Qualifiers
Chromium	0.0114	0.00100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3871J-N-17Q2	**17-04-0598-6-L**	**04/07/17 11:02**	**Aqueous**	**ICP/MS 05**	**04/17/17**	**04/17/17 19:36**	**170417LA1**

Parameter	Result	RL	DF	Qualifiers
Chromium	0.00447	0.00100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3861F-N-17Q2	**17-04-0598-7-L**	**04/07/17 12:19**	**Aqueous**	**ICP/MS 05**	**04/17/17**	**04/17/17 19:51**	**170417LA1**

Parameter	Result	RL	DF	Qualifiers
Chromium	0.00556	0.00100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3861D-N-17Q2	**17-04-0598-8-L**	**04/07/17 13:50**	**Aqueous**	**ICP/MS 05**	**04/17/17**	**04/17/17 19:18**	**170417LA1**

Parameter	Result	RL	DF	Qualifiers
Chromium	0.00894	0.00100	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**096-06-003-5525**	**N/A**	**Aqueous**	**ICP/MS 05**	**04/17/17**	**04/17/17 15:53**	**170417LA1**

Parameter	Result	RL	DF	Qualifiers
Chromium	ND	0.00100	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-03-N-17Q2	**17-04-0598-1-K**	**04/07/17 12:58**	**Aqueous**	**GC/MS DDD**	**04/10/17**	**04/11/17 01:55**	**170410L09**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	113	56-123	
1,4-Dioxane-d8(IDS-IS)	45	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-08-N-17Q2	**17-04-0598-2-K**	**04/07/17 11:01**	**Aqueous**	**GC/MS DDD**	**04/10/17**	**04/11/17 02:11**	**170410L09**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	120	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-07-N-17Q2	**17-04-0598-3-K**	**04/07/17 09:26**	**Aqueous**	**GC/MS DDD**	**04/10/17**	**04/11/17 02:28**	**170410L09**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	109	56-123	
1,4-Dioxane-d8(IDS-IS)	42	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3871H-N-17Q2	**17-04-0598-5-K**	**04/07/17 09:45**	**Aqueous**	**GC/MS DDD**	**04/10/17**	**04/11/17 02:44**	**170410L09**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	112	56-123	
1,4-Dioxane-d8(IDS-IS)	42	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3871J-N-17Q2	**17-04-0598-6-K**	**04/07/17 11:02**	**Aqueous**	**GC/MS DDD**	**04/10/17**	**04/11/17 03:00**	**170410L09**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	113	56-123	
1,4-Dioxane-d8(IDS-IS)	44	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3861F-N-17Q2	**17-04-0598-7-K**	**04/07/17 12:19**	**Aqueous**	**GC/MS DDD**	**04/10/17**	**04/14/17 15:07**	**170410L09**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	104	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3861D-N-17Q2	**17-04-0598-8-K**	**04/07/17 13:50**	**Aqueous**	**GC/MS DDD**	**04/10/17**	**04/11/17 03:32**	**170410L09**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	88	56-123	
1,4-Dioxane-d8(IDS-IS)	59	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-216-1007**	**N/A**	**Aqueous**	**GC/MS DDD**	**04/10/17**	**04/10/17 21:40**	**170410L09**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	106	56-123	
1,4-Dioxane-d8(IDS-IS)	42	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-03-N-17Q2	**17-04-0598-1-A**	**04/07/17 12:58**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/20/17 03:32**	**170419L037**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	2.9	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	7.2	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	0.53	1.0	0.40	1.00	J
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	0.32	0.50	0.20	1.00	J
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	4.1	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.78	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	2.6	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	32	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	12	0.50	0.29	1.00	
Trichlorofluoromethane	0.34	0.50	0.20	1.00	J
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.25	0.50	0.20	1.00	J
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-120	
Dibromofluoromethane	103	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0598
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 3 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-08-N-17Q2	**17-04-0598-2-A**	**04/07/17 11:01**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/20/17 04:05**	**170419L037**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	3.4	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	2.1	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	0.65	1.0	0.40	1.00	J
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	6.3	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.57	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	4.3	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	0.45	1.0	0.40	1.00	J
Styrene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	24	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-120	
Dibromofluoromethane	102	80-127	
1,2-Dichloroethane-d4	103	80-128	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 6 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
Toluene-d8	99	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-08-N-17Q2	**17-04-0598-2-B**	**04/07/17 11:01**	**Aqueous**	**GC/MS T**	**04/20/17**	**04/20/17 13:00**	**170420L010**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Tetrachloroethene	71	2.0	0.80	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	68-120	
Dibromofluoromethane	104	80-127	
1,2-Dichloroethane-d4	104	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 7 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-07-N-17Q2	**17-04-0598-3-A**	**04/07/17 09:26**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/20/17 04:37**	**170419L037**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	3.9	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	2.9	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	0.40	1.0	0.40	1.00	J
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	0.23	0.50	0.20	1.00	J
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	4.0	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.34	0.50	0.20	1.00	J
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	1.9	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	17	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	68-120	
Dibromofluoromethane	103	80-127	
1,2-Dichloroethane-d4	105	80-128	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 9 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
Toluene-d8	98	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-07-N-17Q2	**17-04-0598-3-B**	**04/07/17 09:26**	**Aqueous**	**GC/MS T**	**04/20/17**	**04/20/17 13:32**	**170420L010**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Tetrachloroethene	34	1.0	0.40	2.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	68-120	
Dibromofluoromethane	103	80-127	
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170407	**17-04-0598-4-A**	**04/07/17 07:00**	**Aqueous**	**GC/MS T**	**04/20/17**	**04/20/17 10:49**	**170420L010**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0598
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 11 of 30

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	68-120	
Dibromofluoromethane	94	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0598
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 12 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	91	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 13 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3871H-N-17Q2	**17-04-0598-5-A**	**04/07/17 09:45**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/20/17 05:10**	**170419L037**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	4.0	1.6	8.00	
1,1,1-Trichloroethane	ND	4.0	1.6	8.00	
1,1,2,2-Tetrachloroethane	ND	4.0	1.6	8.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	4.0	1.9	8.00	
1,1,2-Trichloroethane	ND	4.0	1.6	8.00	
1,1-Dichloroethane	ND	4.0	1.6	8.00	
1,1-Dichloroethene	ND	4.0	2.2	8.00	
1,1-Dichloropropene	ND	4.0	2.4	8.00	
1,2,3-Trichlorobenzene	ND	4.0	1.6	8.00	
1,2,3-Trichloropropane	ND	8.0	3.2	8.00	
1,2,4-Trichlorobenzene	ND	4.0	1.6	8.00	
1,2,4-Trimethylbenzene	ND	4.0	1.6	8.00	
1,2-Dibromo-3-Chloropropane	ND	40	16	8.00	
1,2-Dibromoethane	ND	4.0	1.6	8.00	
1,2-Dichlorobenzene	ND	4.0	1.6	8.00	
1,2-Dichloroethane	ND	4.0	1.6	8.00	
1,2-Dichloropropane	ND	4.0	1.6	8.00	
1,3,5-Trimethylbenzene	ND	4.0	1.6	8.00	
1,3-Dichlorobenzene	ND	4.0	2.2	8.00	
1,3-Dichloropropane	ND	8.0	3.2	8.00	
1,4-Dichlorobenzene	ND	4.0	1.6	8.00	
2,2-Dichloropropane	ND	8.0	3.2	8.00	
2-Butanone	ND	40	16	8.00	
2-Chlorotoluene	ND	4.0	1.6	8.00	
2-Hexanone	ND	80	32	8.00	
4-Chlorotoluene	ND	4.0	2.8	8.00	
4-Methyl-2-Pentanone	ND	40	16	8.00	
Acetone	ND	80	32	8.00	
Benzene	ND	4.0	1.6	8.00	
Bromobenzene	ND	4.0	2.6	8.00	
Bromochloromethane	ND	8.0	3.2	8.00	
Bromodichloromethane	ND	4.0	1.6	8.00	
Bromoform	ND	4.0	2.0	8.00	
Bromomethane	ND	8.0	3.2	8.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0598
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 14 of 30

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	8.0	3.2	8.00	
Carbon Tetrachloride	ND	4.0	1.6	8.00	
Chlorobenzene	ND	4.0	1.6	8.00	
Chloroethane	ND	4.0	2.5	8.00	
Chloroform	ND	4.0	1.6	8.00	
Chloromethane	ND	4.0	2.4	8.00	
Dibromochloromethane	ND	4.0	1.6	8.00	
Dibromomethane	ND	4.0	1.6	8.00	
Dichlorodifluoromethane	ND	8.0	3.2	8.00	
Ethylbenzene	ND	4.0	1.6	8.00	
Isopropylbenzene	ND	4.0	1.6	8.00	
Methylene Chloride	ND	8.0	6.4	8.00	
Naphthalene	ND	8.0	3.2	8.00	
Styrene	ND	4.0	1.6	8.00	
Tetrachloroethene	120	4.0	1.6	8.00	
Toluene	ND	4.0	1.6	8.00	
t-1,2-Dichloroethene	ND	4.0	1.6	8.00	
Trichloroethene	140	4.0	2.3	8.00	
Trichlorofluoromethane	ND	4.0	1.6	8.00	
Vinyl Acetate	ND	40	16	8.00	
Vinyl Chloride	ND	4.0	1.6	8.00	
c-1,3-Dichloropropene	ND	4.0	1.6	8.00	
c-1,2-Dichloroethene	ND	4.0	1.6	8.00	
n-Butylbenzene	ND	4.0	1.6	8.00	
n-Propylbenzene	ND	4.0	1.6	8.00	
o-Xylene	ND	4.0	2.5	8.00	
p-Isopropyltoluene	ND	4.0	1.6	8.00	
sec-Butylbenzene	ND	4.0	1.6	8.00	
t-1,3-Dichloropropene	ND	4.0	1.6	8.00	
tert-Butylbenzene	ND	4.0	1.6	8.00	
p/m-Xylene	ND	4.0	1.6	8.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.0	1.6	8.00	
2-Chloroethyl Vinyl Ether	ND	40	33	8.00	
Hexachloro-1,3-Butadiene	ND	16	6.4	8.00	
Iodomethane	ND	80	40	8.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-120	
Dibromofluoromethane	102	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0598
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 15 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	106	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 16 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3871J-N-17Q2	**17-04-0598-6-A**	**04/07/17 11:02**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/20/17 05:43**	**170419L037**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	5.5	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	0.25	0.50	0.20	1.00	J
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	68-120	
Dibromofluoromethane	100	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0598
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 18 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 19 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3861F-N-17Q2	**17-04-0598-7-A**	**04/07/17 12:19**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/20/17 06:15**	**170419L037**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	7.2	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.39	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	7.0	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	4.1	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-120	
Dibromofluoromethane	101	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0598
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 21 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	104	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3861D-N-17Q2	**17-04-0598-8-A**	**04/07/17 13:50**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/20/17 01:21**	**170419L037**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	4.1	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.41	0.50	0.20	1.00	J
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	1.2	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	7.1	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	24	0.50	0.20	1.00	
Toluene	0.41	0.50	0.20	1.00	J
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.21	0.50	0.20	1.00	J
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	99	68-120	
Dibromofluoromethane	103	80-127	
1,2-Dichloroethane-d4	102	80-128	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0598
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 24 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
Toluene-d8	100	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3861D-N-17Q2	**17-04-0598-8-B**	**04/07/17 13:50**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/20/17 02:59**	**170419L037**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Trichloroethene	160	10	5.7	20.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-120	
Dibromofluoromethane	102	80-127	
1,2-Dichloroethane-d4	101	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 25 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4628**	**N/A**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/20/17 00:48**	**170419L037**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0598
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 26 of 30

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	100	68-120	
Dibromofluoromethane	102	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0598
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 27 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	102	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4629**	**N/A**	**Aqueous**	**GC/MS T**	**04/20/17**	**04/20/17 10:14**	**170420L010**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Tetrachloroethene	ND	0.50	0.20	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Naphthalene	ND	1.0	0.40	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
Styrene	ND	0.50	0.20	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
Iodomethane	ND	10	5.0	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-120	
Dibromofluoromethane	96	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0598
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 30 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	96	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-03-N-17Q2	**17-04-0598-1-F**	**04/07/17 12:58**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 13:04**	**170417L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.93	0.050	0.025	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	113	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-08-N-17Q2	**17-04-0598-2-F**	**04/07/17 11:01**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 13:34**	**170417L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.93	0.050	0.025	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	110	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-07-N-17Q2	**17-04-0598-3-F**	**04/07/17 09:26**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 14:04**	**170417L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.60	0.050	0.025	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	113	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3871H-N-17Q2	**17-04-0598-5-H**	**04/07/17 09:45**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/15/17 06:24**	**170414L054**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.084	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	119	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3871J-N-17Q2	**17-04-0598-6-H**	**04/07/17 11:02**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/15/17 06:54**	**170414L054**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	112	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3861F-N-17Q2	**17-04-0598-7-H**	**04/07/17 12:19**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/15/17 07:24**	**170414L054**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.0045	0.0050	0.0025	1.00	J

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	108	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3861D-N-17Q2	**17-04-0598-8-H**	**04/07/17 13:50**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 12:34**	**170417L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.0056	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	110	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-486**	**N/A**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/14/17 23:27**	**170414L054**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	104	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-487**	**N/A**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 11:34**	**170417L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	106	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: N/A
Method: EPA 218.6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
3861D-N-17Q2	**Sample**	**Aqueous**	**IC 16**	**N/A**	**04/07/17 22:47**	**170407S01**
3861D-N-17Q2	**Matrix Spike**	**Aqueous**	**IC 16**	**N/A**	**04/07/17 22:59**	**170407S01**
3861D-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**IC 16**	**N/A**	**04/07/17 23:10**	**170407S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	6.800	10.00	17.29	105	17.50	107	85-121	1	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 3020A Total
Method: EPA 6020
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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
3861D-N-17Q2	**Sample**	**Aqueous**	**ICP/MS 05**	**04/17/17**	**04/17/17 19:18**	**170417SA1**
3861D-N-17Q2	**Matrix Spike**	**Aqueous**	**ICP/MS 05**	**04/17/17**	**04/17/17 16:00**	**170417SA1**
3861D-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**ICP/MS 05**	**04/17/17**	**04/17/17 19:07**	**170417SA1**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium	0.008942	0.1000	0.1151	106	0.1131	104	73-133	2	0-11	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
3861D-N-17Q2	**Sample**	**Aqueous**	**GC/MS DDD**	**04/10/17**	**04/11/17 03:32**	**170410S09A**
3861D-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS DDD**	**04/10/17**	**04/11/17 01:24**	**170410S09A**
3861D-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS DDD**	**04/10/17**	**04/11/17 01:39**	**170410S09A**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	ND	20.00	21.11	106	19.33	97	50-130	9	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
3861D-N-17Q2	**Sample**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/20/17 01:21**	**170419S022**
3861D-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/20/17 01:54**	**170419S022**
3861D-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/20/17 02:26**	**170419S022**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	ND	10.00	10.98	110	10.48	105	66-126	5	0-20	
1,2-Dibromoethane	ND	10.00	9.917	99	9.620	96	75-126	3	0-20	
1,2-Dichlorobenzene	ND	10.00	9.823	98	9.509	95	75-125	3	0-20	
1,2-Dichloroethane	ND	10.00	9.779	98	9.512	95	75-127	3	0-20	
Benzene	ND	10.00	9.960	100	9.670	97	75-125	3	0-20	
Carbon Tetrachloride	ND	10.00	11.51	115	10.89	109	69-135	6	0-20	
Chlorobenzene	ND	10.00	9.789	98	9.566	96	75-125	2	0-20	
Ethylbenzene	ND	10.00	9.968	100	9.684	97	75-125	3	0-20	
Toluene	ND	10.00	10.47	105	10.21	102	75-125	3	0-20	
Trichloroethene	159.3	10.00	161.0	17	162.3	30	75-125	1	0-20	3
Vinyl Chloride	ND	10.00	12.42	124	11.95	119	52-142	4	0-20	
o-Xylene	ND	10.00	9.833	98	9.495	95	75-127	3	0-20	
p/m-Xylene	ND	20.00	19.80	99	19.05	95	75-125	4	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	10.25	103	9.783	98	71-131	5	0-20	
Tert-Butyl Alcohol (TBA)	ND	50.00	64.30	129	70.66	141	20-180	9	0-40	
Diisopropyl Ether (DIPE)	ND	10.00	10.34	103	9.752	98	64-136	6	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	10.00	9.964	100	9.455	95	73-133	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	10.00	9.479	95	9.244	92	75-125	3	0-20	
Ethanol	ND	100.0	126.3	126	123.9	124	73-139	2	0-27	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-1153-3	**Sample**	**Aqueous**	**GC/MS T**	**04/20/17**	**04/20/17 11:22**	**170420S006**
17-04-1153-3	**Matrix Spike**	**Aqueous**	**GC/MS T**	**04/20/17**	**04/20/17 11:54**	**170420S006**
17-04-1153-3	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS T**	**04/20/17**	**04/20/17 12:27**	**170420S006**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	10.00	9.316	93	8.568	86	75-125	8	0-20	
Carbon Tetrachloride	ND	10.00	10.35	103	9.437	94	69-135	9	0-20	
Chlorobenzene	ND	10.00	9.317	93	8.693	87	75-125	7	0-20	
1,2-Dibromoethane	ND	10.00	9.438	94	9.262	93	75-126	2	0-20	
1,2-Dichlorobenzene	ND	10.00	9.509	95	8.729	87	75-125	9	0-20	
1,2-Dichloroethane	ND	10.00	9.211	92	8.763	88	75-127	5	0-20	
1,1-Dichloroethene	0.5449	10.00	10.54	100	9.532	90	66-126	10	0-20	
Ethylbenzene	ND	10.00	9.546	95	8.660	87	75-125	10	0-20	
Toluene	ND	10.00	9.487	95	8.664	87	75-125	9	0-20	
Trichloroethene	ND	10.00	9.507	95	8.656	87	75-125	9	0-20	
Vinyl Chloride	2.568	10.00	14.32	118	14.31	117	52-142	0	0-20	
p/m-Xylene	ND	20.00	18.99	95	17.41	87	75-125	9	0-20	
o-Xylene	ND	10.00	9.340	93	8.558	86	75-127	9	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.204	92	9.132	91	71-131	1	0-20	
Tert-Butyl Alcohol (TBA)	ND	50.00	52.82	106	52.97	106	20-180	0	0-40	
Diisopropyl Ether (DIPE)	ND	10.00	9.537	95	9.124	91	64-136	4	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	10.00	9.135	91	8.926	89	73-133	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	10.00	8.838	88	8.545	85	75-125	3	0-20	
Ethanol	ND	100.0	99.08	99	107.7	108	73-139	8	0-27	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/07/17
Work Order: 17-04-0598
Preparation: EPA 5030C
Method: EPA 8260B SIM
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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0600-3	**Sample**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/14/17 23:56**	**170414S027**
17-04-0600-3	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/15/17 00:26**	**170414S027**
17-04-0600-3	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/15/17 00:56**	**170414S027**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	ND	20.00	21.46	107	20.58	103	80-120	4	0-20	
1,2,3-Trichloropropane	0.005200	0.02000	0.02790	114	0.02700	109	80-120	3	0-20	

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
3861D-N-17Q2	**Sample**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 12:34**	**170417S008**
3861D-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 15:03**	**170417S008**
3861D-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 15:34**	**170417S008**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	ND	20.00	23.12	116	23.44	117	80-120	1	0-20	
1,2,3-Trichloropropane	0.005600	0.02000	0.02790	112	0.02590	102	80-120	7	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
3861D-N-17Q2	**Sample**	**Aqueous**	**ICP/MS 05**	**04/17/17 00:00**	**04/17/17 19:18**	**170417SA1**
3861D-N-17Q2	**PDS**	**Aqueous**	**ICP/MS 05**	**04/17/17 00:00**	**04/17/17 19:11**	**170417SA1**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Chromium	0.008942	0.1000	0.1098	101	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	N/A
		Method:	EPA 218.6
Project: LMC BOU			Page 1 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-567-233	**LCS**	**Aqueous**	**IC 16**	**N/A**	**04/07/17 19:42**	**170407L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	10.00	10.10	101	95-107	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
096-06-003-5525	**LCS**	**Aqueous**	**ICP/MS 05**	**04/17/17**	**04/17/17 15:57**	**170417LA1**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium	0.1000	0.1124	112	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 3510C
		Method:	EPA 8270C (M) Isotope Dilution
Project: LMC BOU			Page 3 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-216-1007	**LCS**	**Aqueous**	**GC/MS DDD**	**04/10/17**	**04/10/17 21:56**	**170410L09**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	18.50	93	50-130	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 4 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4628	**LCS**	**Aqueous**	**GC/MS T**	**04/19/17**	**04/19/17 23:43**	**170419L037**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	10.71	107	77-120	70-127	
1,2-Dibromoethane	10.00	10.44	104	80-120	73-127	
1,2-Dichlorobenzene	10.00	10.13	101	80-120	73-127	
1,2-Dichloroethane	10.00	10.11	101	80-122	73-129	
Benzene	10.00	10.08	101	80-120	73-127	
Carbon Tetrachloride	10.00	10.81	108	80-129	72-137	
Chlorobenzene	10.00	10.06	101	80-120	73-127	
Ethylbenzene	10.00	10.12	101	80-120	73-127	
Toluene	10.00	10.12	101	80-120	73-127	
Trichloroethene	10.00	10.13	101	80-120	73-127	
Vinyl Chloride	10.00	11.11	111	63-135	51-147	
o-Xylene	10.00	10.13	101	80-120	73-127	
p/m-Xylene	20.00	20.12	101	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	10.68	107	75-123	67-131	
Tert-Butyl Alcohol (TBA)	50.00	53.27	107	80-120	73-127	
Diisopropyl Ether (DIPE)	10.00	10.83	108	73-121	65-129	
Ethyl-t-Butyl Ether (ETBE)	10.00	10.51	105	76-124	68-132	
Tert-Amyl-Methyl Ether (TAME)	10.00	9.951	100	80-120	73-127	
Ethanol	100.0	109.7	110	73-133	63-143	

Total number of LCS compounds: 19
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 5 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4629	**LCS**	**Aqueous**	**GC/MS T**	**04/20/17**	**04/20/17 09:27**	**170420L010**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	10.00	10.16	102	80-120	73-127	
Carbon Tetrachloride	10.00	10.62	106	80-129	72-137	
Chlorobenzene	10.00	10.18	102	80-120	73-127	
1,2-Dibromoethane	10.00	9.913	99	80-120	73-127	
1,2-Dichlorobenzene	10.00	10.08	101	80-120	73-127	
1,2-Dichloroethane	10.00	9.906	99	80-122	73-129	
1,1-Dichloroethene	10.00	10.59	106	77-120	70-127	
Ethylbenzene	10.00	10.26	103	80-120	73-127	
Toluene	10.00	10.20	102	80-120	73-127	
Trichloroethene	10.00	10.45	105	80-120	73-127	
Vinyl Chloride	10.00	10.71	107	63-135	51-147	
p/m-Xylene	20.00	20.63	103	80-120	73-127	
o-Xylene	10.00	10.17	102	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	9.932	99	75-123	67-131	
Tert-Butyl Alcohol (TBA)	50.00	51.36	103	80-120	73-127	
Diisopropyl Ether (DIPE)	10.00	10.37	104	73-121	65-129	
Ethyl-t-Butyl Ether (ETBE)	10.00	9.960	100	76-124	68-132	
Tert-Amyl-Methyl Ether (TAME)	10.00	9.513	95	80-120	73-127	
Ethanol	100.0	110.8	111	73-133	63-143	

Total number of LCS compounds: 19
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-486	**LCS**	**Aqueous**	**GC/MS M**	**04/14/17**	**04/14/17 22:27**	**170414L054**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	20.00	100	80-120	
1,2,3-Trichloropropane	0.02000	0.01910	96	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/07/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0598
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-487	**LCS**	**Aqueous**	**GC/MS M**	**04/17/17**	**04/17/17 10:34**	**170417L018**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	21.09	105	80-120	
1,2,3-Trichloropropane	0.02000	0.01960	98	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-04-0598 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 218.6	N/A	834	IC 16	1
EPA 6020	EPA 3020A Total	598	ICP/MS 05	1
EPA 8260B	EPA 5030C	316	GC/MS T	2
EPA 8260B SIM	EPA 5030C	486	GC/MS M	2
EPA 8270C (M) Isotope Dilution	EPA 3510C	928	GC/MS DDD	1

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Glossary of Terms and Qualifiers

Work Order: 17-04-0598 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

WO NO.: (LAB USE ONLY) **17-04-0588**

Date: 4-7-2017

Page: 1 of 1

LABORATORY CLIENT: Tetra Tech INC.	CLIENT PROJECT NAME / NO.: LMC BOY
ADDRESS: 301E Vanderbilt Way Suite 450	PROJECT CONTACT: Robert Sabater
CITY: San Bernardino STATE: CA ZIP: 92408	P.O. NO.:
TEL: E-MAIL	LAB CONTACT OR QUOTE NO.:
GLOBAL ID: LOG CODE:	SAMPLER(S): (PRINT) Jason Cooke, Vanessa Calder

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"): ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD: ☐ GEO_LT EDF ☐ OTHER

SPECIAL INSTRUCTIONS: #3861D-N-1702 IS AN MS/MSD

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO	TPH ☐ C6-C35 ☐ C8-C44	TPH_____	BTEX / MTBE ☐ 8260 ☐ _____	VOCs (8260)	Oxygenates (8260)	Prep (3005) ☐ En Core ☐ Terra Core	EDB/DCP (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	1,2,3 Trichloropropane ☐ 8011/504/ATX ☐ 8260/5035X	CAM 17 ☐ 7196 ☐ 218.6	1,4 Dioxane	TCP/MS Metals	Hex Cr	1,2,3 TCP
1	MW-03-N-1702	4-7-17	1258	W	13	✓	✓							5									1	1	1	5
2	MW-08-N-1702	4-7-17	1101	W	13	✓	✓							5									1	1	1	5
3	MW-07-N-1702	4-7-17	0926	W	13	✓	✓							5									1	1	1	5
4	EB-20170407	4-7-17	0700	W	3		✓							2												
5	3871H-N-1702	4-7-17	0945	W	13	✓	✓							5									1	1	1	5
6	3871J-N-1702	4-7-17	1102	W	13	✓	✓							5									1	1	1	5
7	3861F-N-1702	4-7-17	1219	W	13	✓	✓							5									1	1	1	5
8	3861D-N-1702	4-7-17	1350	W	13	✓	✓							5									3	3	3	5

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 4-7-2017	Time: 1620
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 4/7/17	Time: 1825
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2016-04-01-Revision

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WORK ORDER NUMBER: 17-04- 0598

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Tetra Tech

DATE: 04 / 7 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC (CF: 0.0°C); Temperature (w/o CF): 1.8 °C (w/ CF): 1.8 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 1091

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1091

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 681

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 170328A)

Aqueous: ☐ VOA ☑ VOAh (10) ☐ VOAna$_2$ ☐ 100PJ ☐ 100PJna$_2$ ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☑ 250PBn ☑ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna$_2$ ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ Other Matrix (_____): ☐ _____ ☐ _____

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO_3, na = NaOH, na$_2$ = $Na_2S_2O_3$, p = H_3PO_4, s = H_2SO_4, u = ultra-pure, x = Na_2SO_3+$NaHSO_4$.H_2O, znna = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 681

Reviewed by: 1053

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WORK ORDER NUMBER: 17-04-0454

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Tetra Tech, Inc.

Client Project Name: LMC BOU

Attention: Robert Sabater
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Vikas Patel

Approved for release on 04/24/2017 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

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Work Order Number: 17-04-0454

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Work Order Narrative

Work Order: 17-04-0454 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/06/17. They were assigned to Work Order 17-04-0454.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0454
Project Name: LMC BOU
Received: 04/06/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
B-1-CW30-N-17Q2 (17-04-0454-1)						
Chromium, Hexavalent	0.59		0.020	ug/L	EPA 218.6	N/A
Chromium	0.0333		0.00100	mg/L	EPA 6020	EPA 3020A Total
Tetrachloroethene	110		5.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	200		5.0	ug/L	EPA 8260B	EPA 5030C
B-1-CW31-N-17Q2 (17-04-0454-2)						
Chromium, Hexavalent	16		0.020	ug/L	EPA 218.6	N/A
Chromium	0.0217		0.00100	mg/L	EPA 6020	EPA 3020A Total
Tetrachloroethene	55		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	47		1.0	ug/L	EPA 8260B	EPA 5030C
B-1-CW33-N-17Q2 (17-04-0454-3)						
Chromium, Hexavalent	0.44		0.020	ug/L	EPA 218.6	N/A
Chromium	0.0149		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	15		10	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	17		10	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	630		10	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	180		10	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.87		0.050	ug/L	EPA 8260B SIM	EPA 5030C
1,4-Dioxane	1.2		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
A-1-CW08-N-17Q2 (17-04-0454-5)						
Chromium, Hexavalent	1.2		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00176		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethene	1.4		1.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	67		2.0	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	1.0		1.0	ug/L	EPA 8260B	EPA 5030C
Chloroform	30		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	28		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	69		1.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	87		5.0	ug/L	EPA 8260B SIM	EPA 5030C
B-6-CW14-N-17Q2 (17-04-0454-6)						
Chromium, Hexavalent	1.2		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00177		0.00100	mg/L	EPA 6020	EPA 3020A Total
Acetone	4.5	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.29	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	22		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	5.1		0.50	ug/L	EPA 8260B	EPA 5030C
1,4-Dioxane	1.8		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C

* MDL is shown

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0454
Project Name: LMC BOU
Received: 04/06/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
C-1-CW05-N-17Q2 (17-04-0454-7)						
Chromium, Hexavalent	0.18		0.020	ug/L	EPA 218.6	N/A
Chromium	0.000735	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethane	1.1		0.50	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	1.9		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	0.68		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	0.29	J	0.29*	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.30	J	0.20*	ug/L	EPA 8260B	EPA 5030C
B-6-CW02-N-17Q2 (17-04-0454-8)						
Chromium, Hexavalent	2.5		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00295		0.00100	mg/L	EPA 6020	EPA 3020A Total
Chloroform	0.35	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	0.56		0.50	ug/L	EPA 8260B	EPA 5030C
B-6-CW02-FD-17Q2 (17-04-0454-9)						
Chromium, Hexavalent	2.5		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00311		0.00100	mg/L	EPA 6020	EPA 3020A Total
Acetone	4.2	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.37	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	0.54		0.50	ug/L	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW30-N-17Q2	**17-04-0454-1-K**	**04/06/17 14:44**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 21:13**	**170406L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.59	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW31-N-17Q2	**17-04-0454-2-K**	**04/06/17 13:05**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 21:24**	**170406L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	16	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW33-N-17Q2	**17-04-0454-3-K**	**04/06/17 09:04**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 21:35**	**170406L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.44	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW08-N-17Q2	**17-04-0454-5-K**	**04/06/17 14:44**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 21:46**	**170406L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	1.2	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW14-N-17Q2	**17-04-0454-6-K**	**04/06/17 11:47**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 21:58**	**170406L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	1.2	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW05-N-17Q2	**17-04-0454-7-K**	**04/06/17 09:52**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 22:09**	**170406L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.18	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW02-N-17Q2	**17-04-0454-8-K**	**04/06/17 16:21**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 22:20**	**170406L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	2.5	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW02-FD-17Q2	**17-04-0454-9-K**	**04/06/17 16:21**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 22:31**	**170406L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	2.5	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-567-232**	**N/A**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 19:46**	**170406L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW30-N-17Q2	**17-04-0454-1-L**	**04/06/17 14:44**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/19/17 00:35**	**170415LA6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0333	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW31-N-17Q2	**17-04-0454-2-L**	**04/06/17 13:05**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/19/17 00:45**	**170415LA6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0217	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW33-N-17Q2	**17-04-0454-3-L**	**04/06/17 09:04**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/19/17 00:47**	**170415LA6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0149	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW08-N-17Q2	**17-04-0454-5-L**	**04/06/17 14:44**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/19/17 00:52**	**170415LA6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00176	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW14-N-17Q2	**17-04-0454-6-L**	**04/06/17 11:47**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/19/17 00:55**	**170415LA6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00177	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW05-N-17Q2	**17-04-0454-7-L**	**04/06/17 09:52**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/19/17 00:57**	**170415LA6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.000735	0.00100	0.000402	1.00	J

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW02-N-17Q2	**17-04-0454-8-G**	**04/06/17 16:21**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/19/17 01:00**	**170415LA6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00295	0.00100	0.000402	1.00	

B-6-CW02-FD-17Q2	**17-04-0454-9-G**	**04/06/17 16:21**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/19/17 01:02**	**170415LA6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00311	0.00100	0.000402	1.00	

Method Blank	**096-06-003-5532**	**N/A**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/19/17 04:11**	**170415LA6**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	ND	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW30-N-17Q2	**17-04-0454-1-M**	**04/06/17 14:44**	**Aqueous**	**GC/MS DDD**	**04/07/17**	**04/08/17 08:37**	**170407L15**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	107	56-123	
1,4-Dioxane-d8(IDS-IS)	37	30-120	

B-1-CW31-N-17Q2	**17-04-0454-2-M**	**04/06/17 13:05**	**Aqueous**	**GC/MS DDD**	**04/07/17**	**04/08/17 08:53**	**170407L15**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	106	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

B-1-CW33-N-17Q2	**17-04-0454-3-M**	**04/06/17 09:04**	**Aqueous**	**GC/MS DDD**	**04/07/17**	**04/08/17 09:09**	**170407L15**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	1.2	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	108	56-123	
1,4-Dioxane-d8(IDS-IS)	38	30-120	

A-1-CW08-N-17Q2	**17-04-0454-5-M**	**04/06/17 14:44**	**Aqueous**	**GC/MS DDD**	**04/07/17**	**04/08/17 09:24**	**170407L15**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	107	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW14-N-17Q2	**17-04-0454-6-M**	**04/06/17 11:47**	**Aqueous**	**GC/MS DDD**	**04/07/17**	**04/08/17 09:40**	**170407L15**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	1.8	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	110	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

C-1-CW05-N-17Q2	17-04-0454-7-M	04/06/17 09:52	Aqueous	GC/MS DDD	04/07/17	04/08/17 09:56	170407L15

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	108	56-123	
1,4-Dioxane-d8(IDS-IS)	36	30-120	

B-6-CW02-N-17Q2	17-04-0454-8-H	04/06/17 16:21	Aqueous	GC/MS DDD	04/07/17	04/08/17 10:12	170407L15

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	106	56-123	
1,4-Dioxane-d8(IDS-IS)	37	30-120	

B-6-CW02-FD-17Q2	17-04-0454-9-H	04/06/17 16:21	Aqueous	GC/MS DDD	04/07/17	04/08/17 10:28	170407L15

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	104	56-123	
1,4-Dioxane-d8(IDS-IS)	35	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-216-1000**	**N/A**	**Aqueous**	**GC/MS DDD**	**04/07/17**	**04/08/17 04:23**	**170407L15**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	110	56-123	
1,4-Dioxane-d8(IDS-IS)	41	30-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 1 of 33

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW30-N-17Q2	**17-04-0454-1-A**	**04/06/17 14:44**	**Aqueous**	**GC/MS FFF**	**04/07/17**	**04/08/17 04:36**	**170407L043**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	5.0	2.0	10.0	
1,1,1-Trichloroethane	ND	5.0	2.0	10.0	
1,1,2,2-Tetrachloroethane	ND	5.0	2.0	10.0	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5.0	2.4	10.0	
1,1,2-Trichloroethane	ND	5.0	2.0	10.0	
1,1-Dichloroethane	ND	5.0	2.0	10.0	
1,1-Dichloroethene	ND	5.0	2.8	10.0	
1,1-Dichloropropene	ND	5.0	3.0	10.0	
1,2,3-Trichlorobenzene	ND	5.0	2.0	10.0	
1,2,3-Trichloropropane	ND	10	4.0	10.0	
1,2,4-Trichlorobenzene	ND	5.0	2.0	10.0	
1,2,4-Trimethylbenzene	ND	5.0	2.0	10.0	
1,2-Dibromo-3-Chloropropane	ND	50	20	10.0	
1,2-Dibromoethane	ND	5.0	2.0	10.0	
1,2-Dichlorobenzene	ND	5.0	2.0	10.0	
1,2-Dichloroethane	ND	5.0	2.0	10.0	
1,2-Dichloropropane	ND	5.0	2.0	10.0	
1,3,5-Trimethylbenzene	ND	5.0	2.0	10.0	
1,3-Dichlorobenzene	ND	5.0	2.8	10.0	
1,3-Dichloropropane	ND	10	4.0	10.0	
1,4-Dichlorobenzene	ND	5.0	2.0	10.0	
2,2-Dichloropropane	ND	10	4.0	10.0	
2-Butanone	ND	50	20	10.0	
2-Chlorotoluene	ND	5.0	2.0	10.0	
2-Hexanone	ND	100	40	10.0	
4-Chlorotoluene	ND	5.0	3.6	10.0	
4-Methyl-2-Pentanone	ND	50	20	10.0	
Acetone	ND	100	40	10.0	
Benzene	ND	5.0	2.0	10.0	
Bromobenzene	ND	5.0	3.2	10.0	
Bromochloromethane	ND	10	4.0	10.0	
Bromodichloromethane	ND	5.0	2.0	10.0	
Bromoform	ND	5.0	2.5	10.0	
Bromomethane	ND	10	4.0	10.0	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	10	4.0	10.0	
Carbon Tetrachloride	ND	5.0	2.0	10.0	
Chlorobenzene	ND	5.0	2.0	10.0	
Chloroethane	ND	5.0	3.2	10.0	
Chloroform	ND	5.0	2.0	10.0	
Chloromethane	ND	5.0	2.9	10.0	
Dibromochloromethane	ND	5.0	2.0	10.0	
Dibromomethane	ND	5.0	2.0	10.0	
Dichlorodifluoromethane	ND	10	4.0	10.0	
Ethylbenzene	ND	5.0	2.0	10.0	
Isopropylbenzene	ND	5.0	2.0	10.0	
Methylene Chloride	ND	10	8.0	10.0	
Naphthalene	ND	10	4.0	10.0	
Styrene	ND	5.0	2.0	10.0	
Tetrachloroethene	110	5.0	2.0	10.0	
Toluene	ND	5.0	2.0	10.0	
t-1,2-Dichloroethene	ND	5.0	2.0	10.0	
Trichloroethene	200	5.0	2.9	10.0	
Trichlorofluoromethane	ND	5.0	2.0	10.0	
Vinyl Acetate	ND	50	20	10.0	
Vinyl Chloride	ND	5.0	2.0	10.0	
c-1,3-Dichloropropene	ND	5.0	2.0	10.0	
c-1,2-Dichloroethene	ND	5.0	2.0	10.0	
n-Butylbenzene	ND	5.0	2.0	10.0	
n-Propylbenzene	ND	5.0	2.0	10.0	
o-Xylene	ND	5.0	3.2	10.0	
p-Isopropyltoluene	ND	5.0	2.0	10.0	
sec-Butylbenzene	ND	5.0	2.0	10.0	
t-1,3-Dichloropropene	ND	5.0	2.0	10.0	
tert-Butylbenzene	ND	5.0	2.0	10.0	
p/m-Xylene	ND	5.0	2.0	10.0	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	2.0	10.0	
2-Chloroethyl Vinyl Ether	ND	50	42	10.0	
Hexachloro-1,3-Butadiene	ND	20	8.0	10.0	
Iodomethane	ND	100	50	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	91	68-120	
Dibromofluoromethane	101	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 3 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	102	80-128	
Toluene-d8	102	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW31-N-17Q2	**17-04-0454-2-C**	**04/06/17 13:05**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 15:50**	**170419L010**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	2.00	
1,1,1-Trichloroethane	ND	1.0	0.40	2.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.40	2.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	0.48	2.00	
1,1,2-Trichloroethane	ND	1.0	0.40	2.00	
1,1-Dichloroethane	ND	1.0	0.40	2.00	
1,1-Dichloroethene	ND	1.0	0.56	2.00	
1,1-Dichloropropene	ND	1.0	0.60	2.00	
1,2,3-Trichlorobenzene	ND	1.0	0.40	2.00	
1,2,3-Trichloropropane	ND	2.0	0.80	2.00	
1,2,4-Trichlorobenzene	ND	1.0	0.40	2.00	
1,2,4-Trimethylbenzene	ND	1.0	0.40	2.00	
1,2-Dibromo-3-Chloropropane	ND	10	4.0	2.00	
1,2-Dibromoethane	ND	1.0	0.40	2.00	
1,2-Dichlorobenzene	ND	1.0	0.40	2.00	
1,2-Dichloroethane	ND	1.0	0.40	2.00	
1,2-Dichloropropane	ND	1.0	0.40	2.00	
1,3,5-Trimethylbenzene	ND	1.0	0.40	2.00	
1,3-Dichlorobenzene	ND	1.0	0.55	2.00	
1,3-Dichloropropane	ND	2.0	0.80	2.00	
1,4-Dichlorobenzene	ND	1.0	0.40	2.00	
2,2-Dichloropropane	ND	2.0	0.80	2.00	
2-Butanone	ND	10	4.0	2.00	
2-Chlorotoluene	ND	1.0	0.40	2.00	
2-Hexanone	ND	20	8.0	2.00	
4-Chlorotoluene	ND	1.0	0.71	2.00	
4-Methyl-2-Pentanone	ND	10	4.0	2.00	
Acetone	ND	20	8.0	2.00	
Benzene	ND	1.0	0.40	2.00	
Bromobenzene	ND	1.0	0.64	2.00	
Bromochloromethane	ND	2.0	0.80	2.00	
Bromodichloromethane	ND	1.0	0.40	2.00	
Bromoform	ND	1.0	0.49	2.00	
Bromomethane	ND	2.0	0.80	2.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	2.0	0.80	2.00	
Carbon Tetrachloride	ND	1.0	0.40	2.00	
Chlorobenzene	ND	1.0	0.40	2.00	
Chloroethane	ND	1.0	0.63	2.00	
Chloroform	ND	1.0	0.40	2.00	
Chloromethane	ND	1.0	0.59	2.00	
Dibromochloromethane	ND	1.0	0.40	2.00	
Dibromomethane	ND	1.0	0.40	2.00	
Dichlorodifluoromethane	ND	2.0	0.80	2.00	
Ethylbenzene	ND	1.0	0.40	2.00	
Isopropylbenzene	ND	1.0	0.40	2.00	
Methylene Chloride	ND	2.0	1.6	2.00	
Naphthalene	ND	2.0	0.80	2.00	
Styrene	ND	1.0	0.40	2.00	
Tetrachloroethene	55	1.0	0.40	2.00	
Toluene	ND	1.0	0.40	2.00	
t-1,2-Dichloroethene	ND	1.0	0.40	2.00	
Trichloroethene	47	1.0	0.57	2.00	
Trichlorofluoromethane	ND	1.0	0.40	2.00	
Vinyl Acetate	ND	10	4.0	2.00	
Vinyl Chloride	ND	1.0	0.40	2.00	
c-1,3-Dichloropropene	ND	1.0	0.40	2.00	
c-1,2-Dichloroethene	ND	1.0	0.40	2.00	
n-Butylbenzene	ND	1.0	0.40	2.00	
n-Propylbenzene	ND	1.0	0.40	2.00	
o-Xylene	ND	1.0	0.63	2.00	
p-Isopropyltoluene	ND	1.0	0.40	2.00	
sec-Butylbenzene	ND	1.0	0.40	2.00	
t-1,3-Dichloropropene	ND	1.0	0.40	2.00	
tert-Butylbenzene	ND	1.0	0.40	2.00	
p/m-Xylene	ND	1.0	0.40	2.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.40	2.00	
2-Chloroethyl Vinyl Ether	ND	10	8.4	2.00	
Hexachloro-1,3-Butadiene	ND	4.0	1.6	2.00	
Iodomethane	ND	20	10	2.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	68-120	
Dibromofluoromethane	98	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 6 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	98	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW33-N-17Q2	**17-04-0454-3-C**	**04/06/17 09:04**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 14:48**	**170419L010**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	10	4.0	20.0	
1,1,1-Trichloroethane	ND	10	4.0	20.0	
1,1,2,2-Tetrachloroethane	ND	10	4.0	20.0	
1,1,2-Trichloro-1,2,2-Trifluoroethane	15	10	4.8	20.0	
1,1,2-Trichloroethane	ND	10	4.0	20.0	
1,1-Dichloroethane	ND	10	4.0	20.0	
1,1-Dichloroethene	17	10	5.6	20.0	
1,1-Dichloropropene	ND	10	6.0	20.0	
1,2,3-Trichlorobenzene	ND	10	4.0	20.0	
1,2,3-Trichloropropane	ND	20	8.0	20.0	
1,2,4-Trichlorobenzene	ND	10	4.0	20.0	
1,2,4-Trimethylbenzene	ND	10	4.0	20.0	
1,2-Dibromo-3-Chloropropane	ND	100	40	20.0	
1,2-Dibromoethane	ND	10	4.0	20.0	
1,2-Dichlorobenzene	ND	10	4.0	20.0	
1,2-Dichloroethane	ND	10	4.0	20.0	
1,2-Dichloropropane	ND	10	4.0	20.0	
1,3,5-Trimethylbenzene	ND	10	4.0	20.0	
1,3-Dichlorobenzene	ND	10	5.5	20.0	
1,3-Dichloropropane	ND	20	8.0	20.0	
1,4-Dichlorobenzene	ND	10	4.0	20.0	
2,2-Dichloropropane	ND	20	8.0	20.0	
2-Butanone	ND	100	40	20.0	
2-Chlorotoluene	ND	10	4.0	20.0	
2-Hexanone	ND	200	80	20.0	
4-Chlorotoluene	ND	10	7.1	20.0	
4-Methyl-2-Pentanone	ND	100	40	20.0	
Acetone	ND	200	80	20.0	
Benzene	ND	10	4.0	20.0	
Bromobenzene	ND	10	6.4	20.0	
Bromochloromethane	ND	20	8.0	20.0	
Bromodichloromethane	ND	10	4.0	20.0	
Bromoform	ND	10	4.9	20.0	
Bromomethane	ND	20	8.0	20.0	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	20	8.0	20.0	
Carbon Tetrachloride	ND	10	4.0	20.0	
Chlorobenzene	ND	10	4.0	20.0	
Chloroethane	ND	10	6.3	20.0	
Chloroform	ND	10	4.0	20.0	
Chloromethane	ND	10	5.9	20.0	
Dibromochloromethane	ND	10	4.0	20.0	
Dibromomethane	ND	10	4.0	20.0	
Dichlorodifluoromethane	ND	20	8.0	20.0	
Ethylbenzene	ND	10	4.0	20.0	
Isopropylbenzene	ND	10	4.0	20.0	
Methylene Chloride	ND	20	16	20.0	
Naphthalene	ND	20	8.0	20.0	
Styrene	ND	10	4.0	20.0	
Tetrachloroethene	630	10	4.0	20.0	
Toluene	ND	10	4.0	20.0	
t-1,2-Dichloroethene	ND	10	4.0	20.0	
Trichloroethene	180	10	5.7	20.0	
Trichlorofluoromethane	ND	10	4.0	20.0	
Vinyl Acetate	ND	100	40	20.0	
Vinyl Chloride	ND	10	4.0	20.0	
c-1,3-Dichloropropene	ND	10	4.0	20.0	
c-1,2-Dichloroethene	ND	10	4.0	20.0	
n-Butylbenzene	ND	10	4.0	20.0	
n-Propylbenzene	ND	10	4.0	20.0	
o-Xylene	ND	10	6.3	20.0	
p-Isopropyltoluene	ND	10	4.0	20.0	
sec-Butylbenzene	ND	10	4.0	20.0	
t-1,3-Dichloropropene	ND	10	4.0	20.0	
tert-Butylbenzene	ND	10	4.0	20.0	
p/m-Xylene	ND	10	4.0	20.0	
Methyl-t-Butyl Ether (MTBE)	ND	10	4.0	20.0	
2-Chloroethyl Vinyl Ether	ND	100	84	20.0	
Hexachloro-1,3-Butadiene	ND	40	16	20.0	
Iodomethane	ND	200	100	20.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-120	
Dibromofluoromethane	98	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 9 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	99	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20160406	**17-04-0454-4-A**	**04/06/17 07:00**	**Aqueous**	**GC/MS FFF**	**04/07/17**	**04/07/17 23:24**	**170407L043**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 11 of 33

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	68-120	
Dibromofluoromethane	102	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 12 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	102	80-128	
Toluene-d8	105	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 13 of 33

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW08-N-17Q2	**17-04-0454-5-C**	**04/06/17 14:44**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 16:20**	**170419L010**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	2.00	
1,1,1-Trichloroethane	ND	1.0	0.40	2.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.40	2.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	0.48	2.00	
1,1,2-Trichloroethane	ND	1.0	0.40	2.00	
1,1-Dichloroethane	ND	1.0	0.40	2.00	
1,1-Dichloroethene	1.4	1.0	0.56	2.00	
1,1-Dichloropropene	ND	1.0	0.60	2.00	
1,2,3-Trichlorobenzene	ND	1.0	0.40	2.00	
1,2,3-Trichloropropane	67	2.0	0.80	2.00	
1,2,4-Trichlorobenzene	ND	1.0	0.40	2.00	
1,2,4-Trimethylbenzene	ND	1.0	0.40	2.00	
1,2-Dibromo-3-Chloropropane	ND	10	4.0	2.00	
1,2-Dibromoethane	ND	1.0	0.40	2.00	
1,2-Dichlorobenzene	ND	1.0	0.40	2.00	
1,2-Dichloroethane	ND	1.0	0.40	2.00	
1,2-Dichloropropane	ND	1.0	0.40	2.00	
1,3,5-Trimethylbenzene	ND	1.0	0.40	2.00	
1,3-Dichlorobenzene	ND	1.0	0.55	2.00	
1,3-Dichloropropane	ND	2.0	0.80	2.00	
1,4-Dichlorobenzene	ND	1.0	0.40	2.00	
2,2-Dichloropropane	ND	2.0	0.80	2.00	
2-Butanone	ND	10	4.0	2.00	
2-Chlorotoluene	ND	1.0	0.40	2.00	
2-Hexanone	ND	20	8.0	2.00	
4-Chlorotoluene	ND	1.0	0.71	2.00	
4-Methyl-2-Pentanone	ND	10	4.0	2.00	
Acetone	ND	20	8.0	2.00	
Benzene	ND	1.0	0.40	2.00	
Bromobenzene	ND	1.0	0.64	2.00	
Bromochloromethane	ND	2.0	0.80	2.00	
Bromodichloromethane	ND	1.0	0.40	2.00	
Bromoform	ND	1.0	0.49	2.00	
Bromomethane	ND	2.0	0.80	2.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	2.0	0.80	2.00	
Carbon Tetrachloride	1.0	1.0	0.40	2.00	
Chlorobenzene	ND	1.0	0.40	2.00	
Chloroethane	ND	1.0	0.63	2.00	
Chloroform	30	1.0	0.40	2.00	
Chloromethane	ND	1.0	0.59	2.00	
Dibromochloromethane	ND	1.0	0.40	2.00	
Dibromomethane	ND	1.0	0.40	2.00	
Dichlorodifluoromethane	ND	2.0	0.80	2.00	
Ethylbenzene	ND	1.0	0.40	2.00	
Isopropylbenzene	ND	1.0	0.40	2.00	
Methylene Chloride	ND	2.0	1.6	2.00	
Naphthalene	ND	2.0	0.80	2.00	
Styrene	ND	1.0	0.40	2.00	
Tetrachloroethene	28	1.0	0.40	2.00	
Toluene	ND	1.0	0.40	2.00	
t-1,2-Dichloroethene	ND	1.0	0.40	2.00	
Trichloroethene	69	1.0	0.57	2.00	
Trichlorofluoromethane	ND	1.0	0.40	2.00	
Vinyl Acetate	ND	10	4.0	2.00	
Vinyl Chloride	ND	1.0	0.40	2.00	
c-1,3-Dichloropropene	ND	1.0	0.40	2.00	
c-1,2-Dichloroethene	ND	1.0	0.40	2.00	
n-Butylbenzene	ND	1.0	0.40	2.00	
n-Propylbenzene	ND	1.0	0.40	2.00	
o-Xylene	ND	1.0	0.63	2.00	
p-Isopropyltoluene	ND	1.0	0.40	2.00	
sec-Butylbenzene	ND	1.0	0.40	2.00	
t-1,3-Dichloropropene	ND	1.0	0.40	2.00	
tert-Butylbenzene	ND	1.0	0.40	2.00	
p/m-Xylene	ND	1.0	0.40	2.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.40	2.00	
2-Chloroethyl Vinyl Ether	ND	10	8.4	2.00	
Hexachloro-1,3-Butadiene	ND	4.0	1.6	2.00	
Iodomethane	ND	20	10	2.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-120	
Dibromofluoromethane	98	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 15 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	99	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 16 of 33

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW14-N-17Q2	**17-04-0454-6-C**	**04/06/17 11:47**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 16:51**	**170419L010**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	4.5	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.29	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	22	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	5.1	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	98	68-120	
Dibromofluoromethane	97	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 18 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	100	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 19 of 33

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW05-N-17Q2	**17-04-0454-7-C**	**04/06/17 09:52**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 17:22**	**170419L010**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	1.1	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	1.9	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	0.68	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	0.29	0.50	0.29	1.00	J
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.30	0.50	0.20	1.00	J
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	96	68-120	
Dibromofluoromethane	95	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 21 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	99	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW02-N-17Q2	**17-04-0454-8-C**	**04/06/17 16:21**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 17:52**	**170419L010**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 23 of 33

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.35	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	0.56	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-120	
Dibromofluoromethane	96	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 24 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	101	80-128	
Toluene-d8	97	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW02-FD-17Q2	**17-04-0454-9-C**	**04/06/17 16:21**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 18:23**	**170419L010**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	4.2	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.37	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	0.54	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	100	68-120	
Dibromofluoromethane	102	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 27 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	111	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 28 of 33

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4613**	**N/A**	**Aqueous**	**GC/MS FFF**	**04/07/17**	**04/07/17 22:53**	**170407L043**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	91	68-120	
Dibromofluoromethane	103	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 30 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	106	80-128	
Toluene-d8	102	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4626**	**N/A**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 10:40**	**170419L010**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	95	68-120	
Dibromofluoromethane	95	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 33 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	90	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW30-N-17Q2	**17-04-0454-1-F**	**04/06/17 14:44**	**Aqueous**	**GC/MS M**	**04/11/17**	**04/12/17 00:18**	**170411L078**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	91	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW31-N-17Q2	**17-04-0454-2-F**	**04/06/17 13:05**	**Aqueous**	**GC/MS M**	**04/11/17**	**04/12/17 03:47**	**170411L078**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	89	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW33-N-17Q2	**17-04-0454-3-H**	**04/06/17 09:04**	**Aqueous**	**GC/MS M**	**04/18/17**	**04/18/17 14:09**	**170418L051**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.87	0.050	0.025	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	114	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20160406	**17-04-0454-4-C**	**04/06/17 07:00**	**Aqueous**	**GC/MS M**	**04/11/17**	**04/11/17 23:48**	**170411L078**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	88	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
		Units:	ug/L
Project: LMC BOU			Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-1-CW08-N-17Q2	**17-04-0454-5-H**	**04/06/17 14:44**	**Aqueous**	**GC/MS M**	**04/18/17**	**04/18/17 19:07**	**170418L051**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	87	5.0	2.5	1000	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	103	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW14-N-17Q2	**17-04-0454-6-H**	**04/06/17 11:47**	**Aqueous**	**GC/MS M**	**04/18/17**	**04/18/17 18:38**	**170418L051**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	108	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
C-1-CW05-N-17Q2	**17-04-0454-7-H**	**04/06/17 09:52**	**Aqueous**	**GC/MS M**	**04/18/17**	**04/18/17 12:09**	**170418L051**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	119	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW02-N-17Q2	**17-04-0454-8-F**	**04/06/17 16:21**	**Aqueous**	**GC/MS M**	**04/18/17**	**04/18/17 12:39**	**170418L051**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	113	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-6-CW02-FD-17Q2	**17-04-0454-9-E**	**04/06/17 16:21**	**Aqueous**	**GC/MS M**	**04/18/17**	**04/18/17 13:09**	**170418L051**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	104	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-481**	**N/A**	**Aqueous**	**GC/MS M**	**04/11/17**	**04/11/17 23:18**	**170411L078**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	90	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-489**	**N/A**	**Aqueous**	**GC/MS M**	**04/18/17**	**04/18/17 11:33**	**170418L051**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	112	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: N/A
Method: EPA 218.6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-6-CW02-FD-17Q2	**Sample**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 22:31**	**170406S01**
B-6-CW02-FD-17Q2	**Matrix Spike**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 22:43**	**170406S01**
B-6-CW02-FD-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 22:54**	**170406S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	2.533	10.00	13.29	108	12.88	103	85-121	3	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 3005A Filt.
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0984-2	**Sample**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/20/17 17:20**	**170415SA6**
17-04-0984-2	**Matrix Spike**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/20/17 17:09**	**170415SA6**
17-04-0984-2	**Matrix Spike Duplicate**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/20/17 17:12**	**170415SA6**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium	ND	0.1000	0.09454	95	0.09343	93	73-133	1	0-11	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0319-3	**Sample**	**Aqueous**	**GC/MS DDD**	**04/07/17**	**04/08/17 05:26**	**170407S15**
17-04-0319-3	**Matrix Spike**	**Aqueous**	**GC/MS DDD**	**04/07/17**	**04/08/17 04:55**	**170407S15**
17-04-0319-3	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS DDD**	**04/07/17**	**04/08/17 05:10**	**170407S15**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	ND	20.00	19.71	99	19.76	99	50-130	0	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 4 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0581-8	**Sample**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 11:45**	**170419S008**
17-04-0581-8	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 12:15**	**170419S008**
17-04-0581-8	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 12:46**	**170419S008**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	ND	100.0	79.92	80	95.14	95	66-126	17	0-20	
1,2-Dibromoethane	ND	100.0	84.58	85	89.81	90	75-126	6	0-20	
1,2-Dichlorobenzene	ND	100.0	79.66	80	89.05	89	75-125	11	0-20	
1,2-Dichloroethane	53.86	100.0	132.6	79	143.3	89	75-127	8	0-20	
Benzene	970.6	100.0	949.1	0	1032	62	75-125	8	0-20	3
Carbon Tetrachloride	ND	100.0	70.48	70	86.95	87	69-135	21	0-20	4
Chlorobenzene	ND	100.0	77.18	77	87.37	87	75-125	12	0-20	
Ethylbenzene	61.25	100.0	136.4	75	153.1	92	75-125	12	0-20	
Toluene	ND	100.0	78.80	79	90.47	90	75-125	14	0-20	
Trichloroethene	ND	100.0	73.55	74	86.31	86	75-125	16	0-20	3
Vinyl Chloride	ND	100.0	112.3	112	120.4	120	52-142	7	0-20	
o-Xylene	15.96	100.0	93.21	77	105.1	89	75-127	12	0-20	
p/m-Xylene	76.40	200.0	226.1	75	254.3	89	75-125	12	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	100.0	81.27	81	89.27	89	71-131	9	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0468-1	**Sample**	**Aqueous**	**GC/MS FFF**	**04/07/17**	**04/07/17 23:56**	**170407S023**
17-04-0468-1	**Matrix Spike**	**Aqueous**	**GC/MS FFF**	**04/07/17**	**04/08/17 00:27**	**170407S023**
17-04-0468-1	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS FFF**	**04/07/17**	**04/08/17 00:58**	**170407S023**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	ND	10.00	8.476	85	8.529	85	66-126	1	0-20	
1,2-Dibromoethane	ND	10.00	9.761	98	9.292	93	75-126	5	0-20	
1,2-Dichlorobenzene	ND	10.00	10.06	101	9.799	98	75-125	3	0-20	
1,2-Dichloroethane	ND	10.00	10.03	100	9.748	97	75-127	3	0-20	
Benzene	ND	10.00	9.367	94	9.086	91	75-125	3	0-20	
Carbon Tetrachloride	ND	10.00	10.21	102	9.770	98	69-135	4	0-20	
Chlorobenzene	ND	10.00	9.881	99	9.584	96	75-125	3	0-20	
Ethylbenzene	ND	10.00	9.885	99	9.482	95	75-125	4	0-20	
Toluene	ND	10.00	9.749	97	9.507	95	75-125	3	0-20	
Trichloroethene	ND	10.00	8.932	89	8.577	86	75-125	4	0-20	
Vinyl Chloride	ND	10.00	10.77	108	10.10	101	52-142	6	0-20	
o-Xylene	ND	10.00	10.43	104	9.801	98	75-127	6	0-20	
p/m-Xylene	ND	20.00	20.33	102	19.14	96	75-125	6	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.196	92	9.150	92	71-131	0	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.	Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0454
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B SIM
Project: LMC BOU		Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1-CW30-N-17Q2	**Sample**	**Aqueous**	**GC/MS M**	**04/11/17**	**04/12/17 00:18**	**170411S039**
B-1-CW30-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/11/17**	**04/12/17 00:47**	**170411S039**
B-1-CW30-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/11/17**	**04/12/17 01:17**	**170411S039**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.02140	107	0.02660	133	80-120	22	0-20	3,4

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.	Date Received: 04/06/17
301 E. Vanderbilt Way, Suite 450	Work Order: 17-04-0454
San Bernardino, CA 92408-3562	Preparation: EPA 5030C
	Method: EPA 8260B SIM
Project: LMC BOU	Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1-CW33-N-17Q2	**Sample**	**Aqueous**	**GC/MS M**	**04/18/17**	**04/18/17 14:09**	**170418S019**
B-1-CW33-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/18/17**	**04/18/17 16:08**	**170418S019**
B-1-CW33-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/18/17**	**04/18/17 16:38**	**170418S019**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	0.8690	0.2000	0.8720	2	0.9300	30	80-120	6	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

eurofins | Calscience

Quality Control - PDS

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 3005A Filt.
		Method:	EPA 6020
Project: LMC BOU			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
17-04-0984-2	**Sample**	**Aqueous**	**ICP/MS 03**	**04/15/17 00:00**	**04/20/17 17:20**	**170415SA6**
17-04-0984-2	**PDS**	**Aqueous**	**ICP/MS 03**	**04/15/17 00:00**	**04/20/17 17:15**	**170415SA6**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Chromium	ND	0.1000	0.09362	94	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	N/A
		Method:	EPA 218.6
Project: LMC BOU			Page 1 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-567-232	**LCS**	**Aqueous**	**IC 16**	**N/A**	**04/06/17 19:58**	**170406L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	10.00	10.18	102	95-107	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
096-06-003-5532	**LCS**	**Aqueous**	**ICP/MS 03**	**04/15/17**	**04/19/17 04:16**	**170415LA6**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium	0.1000	0.1012	101	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 3510C
		Method:	EPA 8270C (M) Isotope Dilution
Project: LMC BOU			Page 3 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-216-1000	**LCS**	**Aqueous**	**GC/MS DDD**	**04/07/17**	**04/08/17 04:39**	**170407L15**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	19.48	97	50-130	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/06/17
Work Order: 17-04-0454
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-025-4626	**LCS**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 09:25**	**170419L010**
099-10-025-4626	**LCSD**	**Aqueous**	**GC/MS L**	**04/19/17**	**04/19/17 09:55**	**170419L010**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	10.00	9.855	99	10.02	100	77-120	70-127	2	0-26	
1,2-Dibromoethane	10.00	9.639	96	9.885	99	80-120	73-127	3	0-32	
1,2-Dichlorobenzene	10.00	9.981	100	10.16	102	80-120	73-127	2	0-30	
1,2-Dichloroethane	10.00	9.628	96	9.787	98	80-122	73-129	2	0-23	
Benzene	10.00	9.915	99	9.937	99	80-120	73-127	0	0-22	
Carbon Tetrachloride	10.00	9.562	96	9.395	94	80-129	72-137	2	0-36	
Chlorobenzene	10.00	9.923	99	10.02	100	80-120	73-127	1	0-29	
Ethylbenzene	10.00	10.14	101	10.12	101	80-120	73-127	0	0-25	
Toluene	10.00	10.05	100	10.11	101	80-120	73-127	1	0-28	
Trichloroethene	10.00	9.845	98	9.780	98	80-120	73-127	1	0-25	
Vinyl Chloride	10.00	10.03	100	10.26	103	63-135	51-147	2	0-30	
o-Xylene	10.00	10.02	100	10.21	102	80-120	73-127	2	0-30	
p/m-Xylene	20.00	20.09	100	20.34	102	80-120	73-127	1	0-30	
Methyl-t-Butyl Ether (MTBE)	10.00	9.142	91	10.51	105	75-123	67-131	14	0-27	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 5 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4613	**LCS**	**Aqueous**	**GC/MS FFF**	**04/07/17**	**04/07/17 21:51**	**170407L043**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	9.373	94	77-120	70-127	
1,2-Dibromoethane	10.00	9.494	95	80-120	73-127	
1,2-Dichlorobenzene	10.00	9.776	98	80-120	73-127	
1,2-Dichloroethane	10.00	10.06	101	80-122	73-129	
Benzene	10.00	9.453	95	80-120	73-127	
Carbon Tetrachloride	10.00	10.22	102	80-129	72-137	
Chlorobenzene	10.00	9.693	97	80-120	73-127	
Ethylbenzene	10.00	9.731	97	80-120	73-127	
Toluene	10.00	9.844	98	80-120	73-127	
Trichloroethene	10.00	9.216	92	80-120	73-127	
Vinyl Chloride	10.00	9.069	91	63-135	51-147	
o-Xylene	10.00	10.10	101	80-120	73-127	
p/m-Xylene	20.00	20.01	100	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	9.058	91	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-481	**LCS**	**Aqueous**	**GC/MS M**	**04/11/17**	**04/11/17 22:18**	**170411L078**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02050	102	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/06/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0454
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 7

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-489	**LCS**	**Aqueous**	**GC/MS M**	**04/18/17**	**04/18/17 10:33**	**170418L051**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02070	104	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-04-0454 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 218.6	N/A	1065	IC 16	1
EPA 6020	EPA 3020A Total	598	ICP/MS 03	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B	EPA 5030C	823	GC/MS FFF	2
EPA 8260B SIM	EPA 5030C	486	GC/MS M	2
EPA 8260B SIM	EPA 5030C	867	GC/MS M	2
EPA 8270C (M) Isotope Dilution	EPA 3510C	928	GC/MS DDD	1

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Glossary of Terms and Qualifiers

Work Order: 17-04-0454 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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For courier samples drop off information, contact LaOffice_sales@eurofinsus.com or visit us.

CHAIN-OF-CUSTODY RECORD

Date 4-6-2017
Page 1 of 1

WO NO. / LAB USE ONLY
17-04-0454

LABORATORY CLIENT: Tetra Tech Inc
ADDRESS: 301 E Vanderbilt Way Suite 450
CITY: San Bernardino STATE: CA ZIP: 92408
TEL: E-MAIL:

CLIENT PROJECT NAME / NO.: LMC B04
PROJECT CONTACT: Robert Sabater
GLOBAL ID: LOG CODE:
P.O. NO.:
LAB CONTACT OR QUOTE NO.:
SAMPLER(S): (PRINT) Jason Cook, Vanessa Calder

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD
☐ GEOTRACKER EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(gas) ☐ GRO	TPH(dies) ☐ DRO	TPH ☐ 8015/8260 ☐ 8015M	TPH	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5030) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/7471X ☐ 6020/747X	Cr(VI) ☐ 7199 ☐ 218.6	1,4 Dioxane	ICP/MS Metals	Hex Cr	1,2,3 TCP
1	B-1-GW20-N-1702	4-6-17	1444	W	13	✓	✓							5									1	1	1	5
2	B-1-GW31-N-1702	4-6-17	1305	W	13	✓	✓							5									1	1	1	5
3	B-1-GW33-N-1702	4-6-17	0904	W	13	✓	✓							5									1	1	1	5
4	LTB-20160406	4-6-17	0700	W	3		✓							2												1
5	A-1-GW09-N-1702	4-6-17	1444	W	13	✓	✓							5									1	1	1	5
6	B-6-GW14-N-1702	4-6-17	1147	W	13	✓	✓							5									1	1	1	5
7	C-1-GW05-N-1702	4-6-17	0953	W	13	✓	✓							5									1	1	1	5
8	B-6-GW13-N-1702	4-6-17	1621	W	13	✓	✓							5									1	1	1	5
9	B-6-GW03-FD-1702	4-6-17	1621	W	13	✓	✓							5									1	1	1	5

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 4-6-2017	Time: 1703
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 4/6/17	Time: 1855
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2016-04-01-Revision

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WORK ORDER NUMBER: 17-04- 0454

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Tetra Tech

DATE: 04 / 6 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC (CF: 0.0°C); Temperature (w/o CF): 2.2 °C (w/ CF): 2.2 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 1091

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1091

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1047

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☐	☑	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 170328A)

Aqueous: ☐ VOA ☑ VOAh ☐ VOAna$_2$ ☐ 100PJ ☐ 100PJna$_2$ ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☑ 250PBn ☑ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna$_2$ ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO_3, na = NaOH, na$_2$ = $Na_2S_2O_3$, p = H_3PO_4, s = H_2SO_4, u = ultra-pure, x = Na_2SO_3+$NaHSO_4.H_2O$, znna = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: DM 1091

Reviewed by: [illegible]

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WORK ORDER NUMBER: 17-04- 0454

SAMPLE ANOMALY REPORT

DATE: 04 / 06 / 2017

SAMPLES, CONTAINERS, AND LABELS:

Comments

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☑ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☐ Client sample ID
  - ☐ Sampling date and/or time
  - ☑ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

(-8)(-9) Received 9 containers instead of 13.
1 x 250ml Plastic Bottle
1 x 500mL Amber glass Bottle
1 x 250ml Plastic Bottle w/ HNO3
6 x vials w/ HCL

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments:

Reported by: KD 4/7

Reviewed by: KD 4/7

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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WORK ORDER NUMBER: 17-04-0322

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Tetra Tech, Inc.

Client Project Name: LMC BOU

Attention: Robert Sabater
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Vikas Patel

Approved for release on 04/24/2017 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 17-04-0322

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Work Order Narrative

Work Order: 17-04-0322 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/05/17. They were assigned to Work Order 17-04-0322.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0322
Project Name: LMC BOU
Received: 04/05/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
B-1-CW34-N-17Q2 (17-04-0322-1)						
Chromium, Hexavalent	16		0.40	ug/L	EPA 218.6	N/A
Chromium	0.0321		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethene	0.50		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	1.4		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	13		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	22		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	7.8		0.50	ug/L	EPA 8260B	EPA 5030C
Methyl-t-Butyl Ether (MTBE)	0.23	J	0.20*	ug/L	EPA 8260B	EPA 5030C
B-1-CW34-FD-17Q2 (17-04-0322-2)						
Chromium, Hexavalent	17		0.40	ug/L	EPA 218.6	N/A
Chromium	0.0296		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethene	0.47	J	0.28*	ug/L	EPA 8260B	EPA 5030C
Chloroform	1.4		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	13		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	21		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	7.6		0.50	ug/L	EPA 8260B	EPA 5030C
Methyl-t-Butyl Ether (MTBE)	0.24	J	0.20*	ug/L	EPA 8260B	EPA 5030C
B-1-CW32-N-17Q2 (17-04-0322-3)						
Chromium, Hexavalent	8.8		0.040	ug/L	EPA 218.6	N/A
Chromium	0.0474		0.00100	mg/L	EPA 6020	EPA 3020A Total
Chloroform	5.6		2.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	14		2.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	110		2.0	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	4.1		2.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.011		0.0050	ug/L	EPA 8260B SIM	EPA 5030C
3870D-N-17Q2 (17-04-0322-4)						
Chromium, Hexavalent	17		0.040	ug/L	EPA 218.6	N/A
Chromium	0.0186		0.00100	mg/L	EPA 6020	EPA 3020A Total
3880-N-17Q2 (17-04-0322-5)						
Chromium, Hexavalent	6.7		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00794		0.00100	mg/L	EPA 6020	EPA 3020A Total

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* MDL is shown

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0322
Project Name: LMC BOU
Received: 04/05/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
3852L-N-17Q2 (17-04-0322-7)						
Chromium, Hexavalent	1.8		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00448		0.00100	mg/L	EPA 6020	EPA 3020A Total
Acetone	4.5	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.28	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.46	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	1.3		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.032		0.0050	ug/L	EPA 8260B SIM	EPA 5030C
3872Q-N-17Q2 (17-04-0322-8)						
Chromium, Hexavalent	0.68		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00126		0.00100	mg/L	EPA 6020	EPA 3020A Total
Tetrachloroethene	83		2.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	30		2.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.045		0.0050	ug/L	EPA 8260B SIM	EPA 5030C
3872S-N-17Q2 (17-04-0322-9)						
Chromium, Hexavalent	7.9		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00785		0.00100	mg/L	EPA 6020	EPA 3020A Total
B-1-CW11-N-17Q2 (17-04-0322-10)						
Chromium, Hexavalent	2.7		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00319		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,2-Dichloroethane	0.21	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.48	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	2.6		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	2.3		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	0.78		0.50	ug/L	EPA 8260B	EPA 5030C
Trichlorofluoromethane	0.29	J	0.20*	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.95		0.50	ug/L	EPA 8260B	EPA 5030C
1,4-Dioxane	1.0		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
3862D-N-17Q2 (17-04-0322-11)						
Chromium, Hexavalent	8.5		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00901		0.00100	mg/L	EPA 6020	EPA 3020A Total
Carbon Tetrachloride	1.1		1.0	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.89	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	1.5	J	0.80*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	14		1.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	89		5.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.023		0.0050	ug/L	EPA 8260B SIM	EPA 5030C

* MDL is shown

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Detections Summary

Client:	Tetra Tech, Inc.	Work Order:	17-04-0322
	301 E. Vanderbilt Way, Suite 450	Project Name:	LMC BOU
	San Bernardino, CA 92408-3562	Received:	04/05/17
Attn:	Robert Sabater		Page 3 of 3

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW34-N-17Q2	**17-04-0322-1-I**	**04/05/17 14:38**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 21:54**	**170405L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	16	0.40	0.20	20.0	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW34-FD-17Q2	**17-04-0322-2-I**	**04/05/17 14:38**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 22:05**	**170405L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	17	0.40	0.20	20.0	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW32-N-17Q2	**17-04-0322-3-M**	**04/05/17 12:52**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 22:16**	**170405L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	8.8	0.040	0.020	2.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3870D-N-17Q2	**17-04-0322-4-M**	**04/05/17 11:28**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 22:28**	**170405L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	17	0.040	0.020	2.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3880-N-17Q2	**17-04-0322-5-M**	**04/05/17 09:50**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 22:39**	**170405L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	6.7	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852L-N-17Q2	**17-04-0322-7-M**	**04/05/17 15:03**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 22:50**	**170405L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	1.8	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872Q-N-17Q2	**17-04-0322-8-M**	**04/05/17 13:26**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 23:01**	**170405L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.68	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872S-N-17Q2	**17-04-0322-9-M**	**04/05/17 12:10**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 23:13**	**170405L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	7.9	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW11-N-17Q2	**17-04-0322-10-R**	**04/05/17 09:25**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 23:24**	**170405L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	2.7	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3862D-N-17Q2	**17-04-0322-11-M**	**04/05/17 16:25**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 23:35**	**170405L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	8.5	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-567-231**	**N/A**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 20:22**	**170405L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW34-N-17Q2	**17-04-0322-1-G**	**04/05/17 14:38**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 00:31**	**170414LA5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0321	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW34-FD-17Q2	**17-04-0322-2-G**	**04/05/17 14:38**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 00:34**	**170414LA5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0296	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW32-N-17Q2	**17-04-0322-3-G**	**04/05/17 12:52**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 00:38**	**170414LA5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0474	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3870D-N-17Q2	**17-04-0322-4-G**	**04/05/17 11:28**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 00:42**	**170414LA5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0186	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3880-N-17Q2	**17-04-0322-5-G**	**04/05/17 09:50**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 00:45**	**170414LA5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00794	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852L-N-17Q2	**17-04-0322-7-G**	**04/05/17 15:03**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 00:49**	**170414LA5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00448	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872Q-N-17Q2	**17-04-0322-8-G**	**04/05/17 13:26**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 00:53**	**170414LA5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00126	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872S-N-17Q2	**17-04-0322-9-G**	**04/05/17 12:10**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 00:56**	**170414LA5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00785	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW11-N-17Q2	**17-04-0322-10-G**	**04/05/17 09:25**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 00:27**	**170414LA5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00319	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3862D-N-17Q2	**17-04-0322-11-G**	**04/05/17 16:25**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 01:52**	**170414LA5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00901	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**096-06-003-5529**	**N/A**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/17/17 23:43**	**170414LA5**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	ND	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW34-N-17Q2	**17-04-0322-1-H**	**04/05/17 14:38**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 00:57**	**170406L13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	90	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW34-FD-17Q2	**17-04-0322-2-H**	**04/05/17 14:38**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 01:13**	**170406L13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	96	56-123	
1,4-Dioxane-d8(IDS-IS)	41	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW32-N-17Q2	**17-04-0322-3-H**	**04/05/17 12:52**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 01:29**	**170406L13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	89	56-123	
1,4-Dioxane-d8(IDS-IS)	41	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3870D-N-17Q2	**17-04-0322-4-H**	**04/05/17 11:28**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 01:45**	**170406L13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	87	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3880-N-17Q2	**17-04-0322-5-H**	**04/05/17 09:50**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 02:00**	**170406L13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	90	56-123	
1,4-Dioxane-d8(IDS-IS)	38	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852L-N-17Q2	**17-04-0322-7-H**	**04/05/17 15:03**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 02:16**	**170406L13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	85	56-123	
1,4-Dioxane-d8(IDS-IS)	38	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872Q-N-17Q2	**17-04-0322-8-H**	**04/05/17 13:26**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 02:32**	**170406L13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	83	56-123	
1,4-Dioxane-d8(IDS-IS)	38	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872S-N-17Q2	**17-04-0322-9-H**	**04/05/17 12:10**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 02:48**	**170406L13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	102	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW11-N-17Q2	**17-04-0322-10-H**	**04/05/17 09:25**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 03:04**	**170406L13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	1.0	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	87	56-123	
1,4-Dioxane-d8(IDS-IS)	38	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3862D-N-17Q2	**17-04-0322-11-H**	**04/05/17 16:25**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 03:20**	**170406L13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	92	56-123	
1,4-Dioxane-d8(IDS-IS)	38	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-216-998**	**N/A**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/06/17 23:54**	**170406L13**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	105	56-123	
1,4-Dioxane-d8(IDS-IS)	44	30-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW34-N-17Q2	**17-04-0322-1-B**	**04/05/17 14:38**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 23:54**	**170417L025**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.50	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 2 of 39

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	1.4	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	13	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	22	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	7.8	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	0.23	0.50	0.20	1.00	J
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	84	68-120	
Dibromofluoromethane	113	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 3 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	118	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW34-FD-17Q2	**17-04-0322-2-B**	**04/05/17 14:38**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/18/17 01:26**	**170417L025**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.47	0.50	0.28	1.00	J
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	1.4	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	13	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	21	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	7.6	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	0.24	0.50	0.20	1.00	J
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	87	68-120	
Dibromofluoromethane	110	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 6 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	110	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 7 of 39

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW32-N-17Q2	**17-04-0322-3-B**	**04/05/17 12:52**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/18/17 01:57**	**170417L025**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	2.0	0.80	4.00	
1,1,1-Trichloroethane	ND	2.0	0.80	4.00	
1,1,2,2-Tetrachloroethane	ND	2.0	0.80	4.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.0	0.96	4.00	
1,1,2-Trichloroethane	ND	2.0	0.80	4.00	
1,1-Dichloroethane	ND	2.0	0.80	4.00	
1,1-Dichloroethene	ND	2.0	1.1	4.00	
1,1-Dichloropropene	ND	2.0	1.2	4.00	
1,2,3-Trichlorobenzene	ND	2.0	0.80	4.00	
1,2,3-Trichloropropane	ND	4.0	1.6	4.00	
1,2,4-Trichlorobenzene	ND	2.0	0.80	4.00	
1,2,4-Trimethylbenzene	ND	2.0	0.80	4.00	
1,2-Dibromo-3-Chloropropane	ND	20	8.0	4.00	
1,2-Dibromoethane	ND	2.0	0.80	4.00	
1,2-Dichlorobenzene	ND	2.0	0.80	4.00	
1,2-Dichloroethane	ND	2.0	0.80	4.00	
1,2-Dichloropropane	ND	2.0	0.80	4.00	
1,3,5-Trimethylbenzene	ND	2.0	0.80	4.00	
1,3-Dichlorobenzene	ND	2.0	1.1	4.00	
1,3-Dichloropropane	ND	4.0	1.6	4.00	
1,4-Dichlorobenzene	ND	2.0	0.80	4.00	
2,2-Dichloropropane	ND	4.0	1.6	4.00	
2-Butanone	ND	20	8.0	4.00	
2-Chlorotoluene	ND	2.0	0.80	4.00	
2-Hexanone	ND	40	16	4.00	
4-Chlorotoluene	ND	2.0	1.4	4.00	
4-Methyl-2-Pentanone	ND	20	8.0	4.00	
Acetone	ND	40	16	4.00	
Benzene	ND	2.0	0.80	4.00	
Bromobenzene	ND	2.0	1.3	4.00	
Bromochloromethane	ND	4.0	1.6	4.00	
Bromodichloromethane	ND	2.0	0.80	4.00	
Bromoform	ND	2.0	0.99	4.00	
Bromomethane	ND	4.0	1.6	4.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	4.0	1.6	4.00	
Carbon Tetrachloride	ND	2.0	0.80	4.00	
Chlorobenzene	ND	2.0	0.80	4.00	
Chloroethane	ND	2.0	1.3	4.00	
Chloroform	5.6	2.0	0.80	4.00	
Chloromethane	ND	2.0	1.2	4.00	
Dibromochloromethane	ND	2.0	0.80	4.00	
Dibromomethane	ND	2.0	0.80	4.00	
Dichlorodifluoromethane	ND	4.0	1.6	4.00	
Ethylbenzene	ND	2.0	0.80	4.00	
Isopropylbenzene	ND	2.0	0.80	4.00	
Methylene Chloride	ND	4.0	3.2	4.00	
Naphthalene	ND	4.0	1.6	4.00	
Styrene	ND	2.0	0.80	4.00	
Tetrachloroethene	14	2.0	0.80	4.00	
Toluene	ND	2.0	0.80	4.00	
t-1,2-Dichloroethene	ND	2.0	0.80	4.00	
Trichloroethene	110	2.0	1.1	4.00	
Trichlorofluoromethane	ND	2.0	0.80	4.00	
Vinyl Acetate	ND	20	8.0	4.00	
Vinyl Chloride	ND	2.0	0.80	4.00	
c-1,3-Dichloropropene	ND	2.0	0.80	4.00	
c-1,2-Dichloroethene	4.1	2.0	0.80	4.00	
n-Butylbenzene	ND	2.0	0.80	4.00	
n-Propylbenzene	ND	2.0	0.80	4.00	
o-Xylene	ND	2.0	1.3	4.00	
p-Isopropyltoluene	ND	2.0	0.80	4.00	
sec-Butylbenzene	ND	2.0	0.80	4.00	
t-1,3-Dichloropropene	ND	2.0	0.80	4.00	
tert-Butylbenzene	ND	2.0	0.80	4.00	
p/m-Xylene	ND	2.0	0.80	4.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.80	4.00	
2-Chloroethyl Vinyl Ether	ND	20	17	4.00	
Hexachloro-1,3-Butadiene	ND	8.0	3.2	4.00	
Iodomethane	ND	40	20	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	88	68-120	
Dibromofluoromethane	108	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 9 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	115	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 10 of 39

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3870D-N-17Q2	**17-04-0322-4-B**	**04/05/17 11:28**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/18/17 02:28**	**170417L025**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 11 of 39

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	68-120	
Dibromofluoromethane	115	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 12 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	121	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3880-N-17Q2	**17-04-0322-5-B**	**04/05/17 09:50**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/18/17 02:58**	**170417L025**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 14 of 39

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	85	68-120	
Dibromofluoromethane	114	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 15 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	119	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170405	**17-04-0322-6-B**	**04/05/17 07:00**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 20:51**	**170417L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	85	68-120	
Dibromofluoromethane	115	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 18 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	114	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852L-N-17Q2	**17-04-0322-7-B**	**04/05/17 15:03**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/18/17 03:29**	**170417L025**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	4.5	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.28	0.50	0.20	1.00	J
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.46	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	1.3	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	85	68-120	
Dibromofluoromethane	114	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 21 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	118	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872Q-N-17Q2	**17-04-0322-8-B**	**04/05/17 13:26**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/18/17 04:00**	**170417L025**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	2.0	0.80	4.00	
1,1,1-Trichloroethane	ND	2.0	0.80	4.00	
1,1,2,2-Tetrachloroethane	ND	2.0	0.80	4.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.0	0.96	4.00	
1,1,2-Trichloroethane	ND	2.0	0.80	4.00	
1,1-Dichloroethane	ND	2.0	0.80	4.00	
1,1-Dichloroethene	ND	2.0	1.1	4.00	
1,1-Dichloropropene	ND	2.0	1.2	4.00	
1,2,3-Trichlorobenzene	ND	2.0	0.80	4.00	
1,2,3-Trichloropropane	ND	4.0	1.6	4.00	
1,2,4-Trichlorobenzene	ND	2.0	0.80	4.00	
1,2,4-Trimethylbenzene	ND	2.0	0.80	4.00	
1,2-Dibromo-3-Chloropropane	ND	20	8.0	4.00	
1,2-Dibromoethane	ND	2.0	0.80	4.00	
1,2-Dichlorobenzene	ND	2.0	0.80	4.00	
1,2-Dichloroethane	ND	2.0	0.80	4.00	
1,2-Dichloropropane	ND	2.0	0.80	4.00	
1,3,5-Trimethylbenzene	ND	2.0	0.80	4.00	
1,3-Dichlorobenzene	ND	2.0	1.1	4.00	
1,3-Dichloropropane	ND	4.0	1.6	4.00	
1,4-Dichlorobenzene	ND	2.0	0.80	4.00	
2,2-Dichloropropane	ND	4.0	1.6	4.00	
2-Butanone	ND	20	8.0	4.00	
2-Chlorotoluene	ND	2.0	0.80	4.00	
2-Hexanone	ND	40	16	4.00	
4-Chlorotoluene	ND	2.0	1.4	4.00	
4-Methyl-2-Pentanone	ND	20	8.0	4.00	
Acetone	ND	40	16	4.00	
Benzene	ND	2.0	0.80	4.00	
Bromobenzene	ND	2.0	1.3	4.00	
Bromochloromethane	ND	4.0	1.6	4.00	
Bromodichloromethane	ND	2.0	0.80	4.00	
Bromoform	ND	2.0	0.99	4.00	
Bromomethane	ND	4.0	1.6	4.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 23 of 39

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	4.0	1.6	4.00	
Carbon Tetrachloride	ND	2.0	0.80	4.00	
Chlorobenzene	ND	2.0	0.80	4.00	
Chloroethane	ND	2.0	1.3	4.00	
Chloroform	ND	2.0	0.80	4.00	
Chloromethane	ND	2.0	1.2	4.00	
Dibromochloromethane	ND	2.0	0.80	4.00	
Dibromomethane	ND	2.0	0.80	4.00	
Dichlorodifluoromethane	ND	4.0	1.6	4.00	
Ethylbenzene	ND	2.0	0.80	4.00	
Isopropylbenzene	ND	2.0	0.80	4.00	
Methylene Chloride	ND	4.0	3.2	4.00	
Naphthalene	ND	4.0	1.6	4.00	
Styrene	ND	2.0	0.80	4.00	
Tetrachloroethene	83	2.0	0.80	4.00	
Toluene	ND	2.0	0.80	4.00	
t-1,2-Dichloroethene	ND	2.0	0.80	4.00	
Trichloroethene	30	2.0	1.1	4.00	
Trichlorofluoromethane	ND	2.0	0.80	4.00	
Vinyl Acetate	ND	20	8.0	4.00	
Vinyl Chloride	ND	2.0	0.80	4.00	
c-1,3-Dichloropropene	ND	2.0	0.80	4.00	
c-1,2-Dichloroethene	ND	2.0	0.80	4.00	
n-Butylbenzene	ND	2.0	0.80	4.00	
n-Propylbenzene	ND	2.0	0.80	4.00	
o-Xylene	ND	2.0	1.3	4.00	
p-Isopropyltoluene	ND	2.0	0.80	4.00	
sec-Butylbenzene	ND	2.0	0.80	4.00	
t-1,3-Dichloropropene	ND	2.0	0.80	4.00	
tert-Butylbenzene	ND	2.0	0.80	4.00	
p/m-Xylene	ND	2.0	0.80	4.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.80	4.00	
2-Chloroethyl Vinyl Ether	ND	20	17	4.00	
Hexachloro-1,3-Butadiene	ND	8.0	3.2	4.00	
Iodomethane	ND	40	20	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	84	68-120	
Dibromofluoromethane	111	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 24 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	116	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 25 of 39

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872S-N-17Q2	**17-04-0322-9-B**	**04/05/17 12:10**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/18/17 04:30**	**170417L025**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 26 of 39

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	89	68-120	
Dibromofluoromethane	114	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 27 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	116	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW11-N-17Q2	**17-04-0322-10-B**	**04/05/17 09:25**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 23:24**	**170417L025**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	0.21	0.50	0.20	1.00	J
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.48	0.50	0.20	1.00	J
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	2.6	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	2.3	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	0.78	0.50	0.29	1.00	
Trichlorofluoromethane	0.29	0.50	0.20	1.00	J
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.95	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	85	68-120	
Dibromofluoromethane	119	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 30 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	114	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3862D-N-17Q2	**17-04-0322-11-A**	**04/05/17 16:25**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/18/17 05:01**	**170417L025**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	1.0	0.40	2.00	
1,1,1-Trichloroethane	ND	1.0	0.40	2.00	
1,1,2,2-Tetrachloroethane	ND	1.0	0.40	2.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1.0	0.48	2.00	
1,1,2-Trichloroethane	ND	1.0	0.40	2.00	
1,1-Dichloroethane	ND	1.0	0.40	2.00	
1,1-Dichloroethene	ND	1.0	0.56	2.00	
1,1-Dichloropropene	ND	1.0	0.60	2.00	
1,2,3-Trichlorobenzene	ND	1.0	0.40	2.00	
1,2,3-Trichloropropane	ND	2.0	0.80	2.00	
1,2,4-Trichlorobenzene	ND	1.0	0.40	2.00	
1,2,4-Trimethylbenzene	ND	1.0	0.40	2.00	
1,2-Dibromo-3-Chloropropane	ND	10	4.0	2.00	
1,2-Dibromoethane	ND	1.0	0.40	2.00	
1,2-Dichlorobenzene	ND	1.0	0.40	2.00	
1,2-Dichloroethane	ND	1.0	0.40	2.00	
1,2-Dichloropropane	ND	1.0	0.40	2.00	
1,3,5-Trimethylbenzene	ND	1.0	0.40	2.00	
1,3-Dichlorobenzene	ND	1.0	0.55	2.00	
1,3-Dichloropropane	ND	2.0	0.80	2.00	
1,4-Dichlorobenzene	ND	1.0	0.40	2.00	
2,2-Dichloropropane	ND	2.0	0.80	2.00	
2-Butanone	ND	10	4.0	2.00	
2-Chlorotoluene	ND	1.0	0.40	2.00	
2-Hexanone	ND	20	8.0	2.00	
4-Chlorotoluene	ND	1.0	0.71	2.00	
4-Methyl-2-Pentanone	ND	10	4.0	2.00	
Acetone	ND	20	8.0	2.00	
Benzene	ND	1.0	0.40	2.00	
Bromobenzene	ND	1.0	0.64	2.00	
Bromochloromethane	ND	2.0	0.80	2.00	
Bromodichloromethane	ND	1.0	0.40	2.00	
Bromoform	ND	1.0	0.49	2.00	
Bromomethane	ND	2.0	0.80	2.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	2.0	0.80	2.00	
Carbon Tetrachloride	1.1	1.0	0.40	2.00	
Chlorobenzene	ND	1.0	0.40	2.00	
Chloroethane	ND	1.0	0.63	2.00	
Chloroform	0.89	1.0	0.40	2.00	J
Chloromethane	ND	1.0	0.59	2.00	
Dibromochloromethane	ND	1.0	0.40	2.00	
Dibromomethane	ND	1.0	0.40	2.00	
Dichlorodifluoromethane	1.5	2.0	0.80	2.00	J
Ethylbenzene	ND	1.0	0.40	2.00	
Isopropylbenzene	ND	1.0	0.40	2.00	
Methylene Chloride	ND	2.0	1.6	2.00	
Naphthalene	ND	2.0	0.80	2.00	
Styrene	ND	1.0	0.40	2.00	
Tetrachloroethene	14	1.0	0.40	2.00	
Toluene	ND	1.0	0.40	2.00	
t-1,2-Dichloroethene	ND	1.0	0.40	2.00	
Trichlorofluoromethane	ND	1.0	0.40	2.00	
Vinyl Acetate	ND	10	4.0	2.00	
Vinyl Chloride	ND	1.0	0.40	2.00	
c-1,3-Dichloropropene	ND	1.0	0.40	2.00	
c-1,2-Dichloroethene	ND	1.0	0.40	2.00	
n-Butylbenzene	ND	1.0	0.40	2.00	
n-Propylbenzene	ND	1.0	0.40	2.00	
o-Xylene	ND	1.0	0.63	2.00	
p-Isopropyltoluene	ND	1.0	0.40	2.00	
sec-Butylbenzene	ND	1.0	0.40	2.00	
t-1,3-Dichloropropene	ND	1.0	0.40	2.00	
tert-Butylbenzene	ND	1.0	0.40	2.00	
p/m-Xylene	ND	1.0	0.40	2.00	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.40	2.00	
2-Chloroethyl Vinyl Ether	ND	10	8.4	2.00	
Hexachloro-1,3-Butadiene	ND	4.0	1.6	2.00	
Iodomethane	ND	20	10	2.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	84	68-120	
Dibromofluoromethane	113	80-127	
1,2-Dichloroethane-d4	121	80-128	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 33 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
Toluene-d8	102	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3862D-N-17Q2	**17-04-0322-11-A**	**04/05/17 16:25**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/18/17 05:32**	**170417L025**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Trichloroethene	89	5.0	2.9	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	68-120	
Dibromofluoromethane	111	80-127	
1,2-Dichloroethane-d4	123	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 34 of 39

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4622**	**N/A**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 11:00**	**170417L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	68-120	
Dibromofluoromethane	104	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 36 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	101	80-128	
Toluene-d8	97	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 37 of 39

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4623**	**N/A**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 22:53**	**170417L025**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 38 of 39

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	87	68-120	
Dibromofluoromethane	108	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0322
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 39 of 39

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	114	80-128	
Toluene-d8	97	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW34-N-17Q2	**17-04-0322-1-F**	**04/05/17 14:38**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 16:39**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	116	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW34-FD-17Q2	**17-04-0322-2-F**	**04/05/17 14:38**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 17:09**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	99	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW32-N-17Q2	**17-04-0322-3-F**	**04/05/17 12:52**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 17:39**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.011	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	99	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3870D-N-17Q2	**17-04-0322-4-F**	**04/05/17 11:28**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 18:09**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	91	80-120	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3880-N-17Q2	**17-04-0322-5-F**	**04/05/17 09:50**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 18:39**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	93	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170405	**17-04-0322-6-C**	**04/05/17 07:00**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 13:10**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	98	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852L-N-17Q2	**17-04-0322-7-F**	**04/05/17 15:03**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 19:09**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.032	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	95	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872Q-N-17Q2	**17-04-0322-8-F**	**04/05/17 13:26**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 19:39**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.045	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	94	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872S-N-17Q2	**17-04-0322-9-F**	**04/05/17 12:10**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 20:09**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	96	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW11-N-17Q2	**17-04-0322-10-F**	**04/05/17 09:25**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 13:40**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	103	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3862D-N-17Q2	**17-04-0322-11-F**	**04/05/17 16:25**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 20:39**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.023	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	97	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-478**	**N/A**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 12:11**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	95	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: N/A
Method: EPA 218.6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1-CW11-N-17Q2	**Sample**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 23:24**	**170405S01**
B-1-CW11-N-17Q2	**Matrix Spike**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 23:46**	**170405S01**
B-1-CW11-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 23:58**	**170405S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	2.726	10.00	13.27	105	13.57	108	85-121	2	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 3020A Total
Method: EPA 6020
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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1-CW11-N-17Q2	**Sample**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 00:27**	**170414SA5**
B-1-CW11-N-17Q2	**Matrix Spike**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 00:01**	**170414SA5**
B-1-CW11-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/18/17 00:05**	**170414SA5**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium	0.003187	0.1000	0.1053	102	0.1031	100	73-133	2	0-11	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1-CW11-N-17Q2	**Sample**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 03:04**	**170406S13**
B-1-CW11-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 00:25**	**170406S13**
B-1-CW11-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 00:42**	**170406S13**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	1.004	20.00	22.23	106	20.56	98	50-130	8	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0812-10	**Sample**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 11:38**	**170417S004**
17-04-0812-10	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 12:09**	**170417S004**
17-04-0812-10	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 12:40**	**170417S004**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	ND	40.00	40.89	102	37.31	93	66-126	9	0-20	
1,2-Dibromoethane	ND	40.00	40.09	100	38.95	97	75-126	3	0-20	
1,2-Dichlorobenzene	ND	40.00	39.39	98	38.17	95	75-125	3	0-20	
1,2-Dichloroethane	ND	40.00	39.67	99	36.93	92	75-127	7	0-20	
Benzene	ND	40.00	42.71	107	39.64	99	75-125	7	0-20	
Carbon Tetrachloride	ND	40.00	48.18	120	45.49	114	69-135	6	0-20	
Chlorobenzene	ND	40.00	41.49	104	38.79	97	75-125	7	0-20	
Ethylbenzene	ND	40.00	44.13	110	41.07	103	75-125	7	0-20	
Toluene	ND	40.00	42.59	106	39.56	99	75-125	7	0-20	
Trichloroethene	ND	40.00	42.88	107	39.37	98	75-125	9	0-20	
Vinyl Chloride	129.4	40.00	173.5	110	175.2	115	52-142	1	0-20	
o-Xylene	ND	40.00	44.32	111	40.85	102	75-127	8	0-20	
p/m-Xylene	ND	80.00	88.99	111	82.77	103	75-125	7	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	40.00	35.80	90	33.94	85	71-131	5	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1-CW11-N-17Q2	**Sample**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 23:24**	**170417S011**
B-1-CW11-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/18/17 00:25**	**170417S011**
B-1-CW11-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/18/17 00:56**	**170417S011**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	ND	10.00	8.527	85	9.028	90	66-126	6	0-20	
1,2-Dibromoethane	ND	10.00	9.232	92	9.860	99	75-126	7	0-20	
1,2-Dichlorobenzene	ND	10.00	8.880	89	9.253	93	75-125	4	0-20	
1,2-Dichloroethane	ND	10.00	9.325	93	9.685	97	75-127	4	0-20	
Benzene	ND	10.00	9.007	90	9.657	97	75-125	7	0-20	
Carbon Tetrachloride	ND	10.00	10.06	101	11.21	112	69-135	11	0-20	
Chlorobenzene	ND	10.00	9.006	90	9.636	96	75-125	7	0-20	
Ethylbenzene	ND	10.00	9.365	94	10.14	101	75-125	8	0-20	
Toluene	ND	10.00	9.258	93	9.875	99	75-125	6	0-20	
Trichloroethene	0.7838	10.00	9.781	90	10.54	98	75-125	7	0-20	
Vinyl Chloride	ND	10.00	11.31	113	11.74	117	52-142	4	0-20	
o-Xylene	ND	10.00	9.618	96	10.34	103	75-127	7	0-20	
p/m-Xylene	ND	20.00	19.27	96	20.59	103	75-125	7	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	7.873	79	8.250	83	71-131	5	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/05/17
Work Order: 17-04-0322
Preparation: EPA 5030C
Method: EPA 8260B SIM
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Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1-CW11-N-17Q2	**Sample**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 13:40**	**170410S020**
B-1-CW11-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 15:10**	**170410S020**
B-1-CW11-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 15:40**	**170410S020**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.01940	97	0.02180	109	80-120	12	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
B-1-CW11-N-17Q2	**Sample**	**Aqueous**	**ICP/MS 05**	**04/14/17 00:00**	**04/18/17 00:27**	**170414SA5**
B-1-CW11-N-17Q2	**PDS**	**Aqueous**	**ICP/MS 05**	**04/14/17 00:00**	**04/18/17 00:09**	**170414SA5**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Chromium	0.003187	0.1000	0.1038	101	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	N/A
		Method:	EPA 218.6
Project: LMC BOU			Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-567-231	**LCS**	**Aqueous**	**IC 16**	**N/A**	**04/05/17 20:33**	**170405L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	10.00	9.989	100	95-107	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
096-06-003-5529	**LCS**	**Aqueous**	**ICP/MS 05**	**04/14/17**	**04/17/17 23:58**	**170414LA5**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium	0.1000	0.09935	99	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 3510C
		Method:	EPA 8270C (M) Isotope Dilution
Project: LMC BOU			Page 3 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-216-998	**LCS**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 00:10**	**170406L13**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	19.04	95	50-130	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.	Date Received: 04/05/17
301 E. Vanderbilt Way, Suite 450	Work Order: 17-04-0322
San Bernardino, CA 92408-3562	Preparation: EPA 5030C
	Method: EPA 8260B
Project: LMC BOU	Page 4 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4622	**LCS**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 10:08**	**170417L008**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	8.719	87	77-120	70-127	
1,2-Dibromoethane	10.00	10.64	106	80-120	73-127	
1,2-Dichlorobenzene	10.00	10.17	102	80-120	73-127	
1,2-Dichloroethane	10.00	9.858	99	80-122	73-129	
Benzene	10.00	10.16	102	80-120	73-127	
Carbon Tetrachloride	10.00	10.82	108	80-129	72-137	
Chlorobenzene	10.00	10.40	104	80-120	73-127	
Ethylbenzene	10.00	10.70	107	80-120	73-127	
Toluene	10.00	10.38	104	80-120	73-127	
Trichloroethene	10.00	10.25	103	80-120	73-127	
Vinyl Chloride	10.00	10.36	104	63-135	51-147	
o-Xylene	10.00	10.96	110	80-120	73-127	
p/m-Xylene	20.00	21.84	109	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	8.641	86	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4623	**LCS**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 22:22**	**170417L025**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	7.665	77	77-120	70-127	
1,2-Dibromoethane	10.00	10.44	104	80-120	73-127	
1,2-Dichlorobenzene	10.00	9.786	98	80-120	73-127	
1,2-Dichloroethane	10.00	10.11	101	80-122	73-129	
Benzene	10.00	10.10	101	80-120	73-127	
Carbon Tetrachloride	10.00	8.520	85	80-129	72-137	
Chlorobenzene	10.00	10.08	101	80-120	73-127	
Ethylbenzene	10.00	10.23	102	80-120	73-127	
Toluene	10.00	10.20	102	80-120	73-127	
Trichloroethene	10.00	9.781	98	80-120	73-127	
Vinyl Chloride	10.00	9.647	96	63-135	51-147	
o-Xylene	10.00	10.61	106	80-120	73-127	
p/m-Xylene	20.00	20.81	104	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	8.738	87	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/05/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0322
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-478	**LCS**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 11:04**	**170410L035**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02250	112	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-04-0322 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 218.6	N/A	1065	IC 16	1
EPA 6020	EPA 3020A Total	598	ICP/MS 05	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B SIM	EPA 5030C	486	GC/MS M	2
EPA 8270C (M) Isotope Dilution	EPA 3510C	907	GC/MS DDD	1

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Glossary of Terms and Qualifiers

Work Order: 17-04-0322 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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CHAIN-OF-CUSTODY RECORD

Date 4-5-2017

Page 1 of 2

WO NO. / LAB USE ONLY: 17-04-0322

LABORATORY CLIENT: Tetra Tech Inc.

ADDRESS: 301 E Vanderbilt Way Suite 450

CITY: San Bernardino STATE: CA ZIP: 92408

TEL: E-MAIL:

CLIENT PROJECT NAME / NO.: LMC BOU

PROJECT CONTACT: Robert Sabater

P.O. NO.:

LAB CONTRACT OR QUOTE NO.:

GLOBAL ID:

LOG CODE:

SAMPLER(S): (PRINT) Jason Cook, Vanessa Calder

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD")

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD

☐ GEOLT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

B-1-CW11 = MS/MSD

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH-Gas ☐ 8015GRO	TPH(d) ☐ DRO	TPH ☐ 8015M ☐ 8015M	TPH	BTEX / MTBE ☐ 8260 ☐	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ Ea Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	TPH Methods ☐ 8015/8015X ☐ 8015/8015X	DHS ☐ 7199 ☐ 218.6	1,4 Dioxane	ICP/MS Metals	Hex Cr	1,2,3 TCP
1	B-1-CW34-N-1702	4-5-17	1438	W	9	✓	✓							3									1	-	1	3
2	B-1-CW34-FD-1702		1438		9	✓	✓							3									-	-	-	3
3	B-1-CW32-N-1702		1252		13	✓	✓							5									-	-	1	5
4	3870-N-1702		1128		13	✓	✓							5									-	-	1	5
5	3880-N-1702		0950		13	✓	✓							5									-	-	-	5
6	FTB-20170405		0700		3		✓							2												
7	3852-N-1702		1503		13	✓	✓							5									-	-	-	5
8	3870-N-1702		1326		13	✓	✓							5									-	-	-	5
9	3873-N-1702		1210		13	✓	✓							5									-	-	-	5
10	B-1-CW11-N-1702	↓	0925	↓	19	✓	✓							5									3	3	3	5

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 04/05/17	Time: 1711
Relinquished by: (Signature)	Received by: (Signature/Affiliation) Dhruvle TTC	Date: 4/5/17	Time: ~~1700~~ 1900
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2016-04-01-Revision

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CHAIN-OF-CUSTODY RECORD

DATE: 04/05/17
PAGE: 2 OF 2

WO NO.: (LAB USE ONLY) 17-04-0322

LABORATORY CLIENT: Petra Geo Inc.
ADDRESS: 301 E Vanderbilt Way #345
CITY: San Bernardino STATE: CA 92408
TEL: E-MAIL:

CLIENT PROJECT NAME / NO.: LMC BDV
PROJECT CONTACT: Robert Salvatier
GLOBAL ID: LOG CODE:
P.O. NO.:
LAB CONTACT OR QUOTE NO.:
SAMPLER(S): (PRINT) Jason Cox * Vanessa Calderon

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ GEOLT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO	TPH ☐ C5-C36 ☐ C9-C44	TPH _____	BTEX / MTBE ☐ 8260 ☐ _____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/7471X ☐ 6020/7471X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	14-Diokane	ICP/MS Metals	Hex Chrom	3-TCP
11	38620-N-1702	04/05/17	1605	W	13	✓	✓							5									1	1	1	3

Relinquished by: (Signature) Received by: (Signature/Affiliation) Date: 04/05/17 Time: 1711

Relinquished by: (Signature) Received by: (Signature/Affiliation) Date: 4/5/17 Time: 1700

Relinquished by: (Signature) Received by: (Signature/Affiliation) Date: Time:

2015-05-13 Revision

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WORK ORDER NUMBER: 17-04- 0322

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 2

CLIENT: Tetra Tech

DATE: 04 / 5 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC3B (CF: 0.0°C); Temperature (w/o CF): 2.0 °C (w/ CF): 2.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 1091

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1091

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☑	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☐	☑	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 170328A)

Aqueous: ☐ VOA ☑ VOAh ☐ VOAna_2 ☐ 100PJ ☐ 100PJna_2 ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☑ 250PBn ☑ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna_2 ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (____) ☐ EnCores® (____) ☐ TerraCores® (____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ Other Matrix (_____): ☐ _____ ☐ _____

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO_3, na = NaOH, na_2 = $Na_2S_2O_3$, p = H_3PO_4, s = H_2SO_4, u = ultra-pure, x = Na_2SO_3+$NaHSO_4.H_2O$, znna = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: BA 04/17

Reviewed by: 1091 04/17

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WORK ORDER NUMBER: 17-04- 0522

SAMPLE RECEIPT CHECKLIST

COOLER 2 OF 2

CLIENT: Tetra Tech

DATE: 04 / 5 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC3B (CF: 0.0°C); Temperature (w/o CF): 1.8 °C (w/ CF): 1.8 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: 1091

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1091

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: _____)

Aqueous: ☐ VOA ☐ VOAh ☐ VOAna_2 ☐ 100PJ ☐ 100PJna_2 ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☐ 250PBn ☑ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna_2 ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na_2** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 01

Reviewed by: 1057

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WORK ORDER NUMBER: 17-04- 0322

SAMPLE ANOMALY REPORT

DATE: 04 / 05 / 2017

SAMPLES, CONTAINERS, AND LABELS:

Comments

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☑ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☑ Client sample ID
  - ☐ Sampling date and/or time
  - ☐ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

* Transferred at client's request.

(-D 7 of 13 containers labeled as 3872L-N-17Q2
Date & Time Matched
vials ABCDEF are correct

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**
-9	L	10			

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments:

Reported by: 802

Reviewed by: 1053

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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Vikas Patel

From: Calder, Vanessa <Vanessa.Calder@tetratech.com>
Sent: Thursday, April 06, 2017 10:41 AM
To: Vikas Patel; Sabater, Robert
Cc: Erick Ovalle
Subject: Re: Sample receipt confirmation / 17-04-0322 / LMC BOU

Hey Vik,

My apologies. All bottles are for sample 3852L, not 3872L. Feel free to call me if you have any further questions.
Thank you,
Vanessa
909-844-7277

From: Vikas Patel <VikasPatel@eurofinsUS.com>
Sent: Thursday, April 6, 2017 9:40:08 AM
To: Sabater, Robert; Calder, Vanessa
Cc: Erick Ovalle; Vikas Patel
Subject: Sample receipt confirmation / 17-04-0322 / LMC BOU

Sample receipt confirmation(s) attached. Please review and advise of any changes required.

Please confirm the sample ID for sample 3852L-N-17Q2, some of the containers are labeled as 3872L-N-17Q2.

Thank you for using Eurofins Calscience.

Regards,

Vik Patel
Project Manager

Eurofins Calscience, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427
USA

Phone: +1 714 895 5494
Fax: +1 714 894 7501

VikasPatel@EurofinsUS.com
www.EurofinsUS.com/Env

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Supplemental Report 1

The original report has been revised/corrected.

WORK ORDER NUMBER: 17-04-0177

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Tetra Tech, Inc.

Client Project Name: LMC BOU

Attention: Robert Sabater
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Approved for release on 05/03/2017 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 17-04-0177

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Work Order Narrative

Work Order: 17-04-0177 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/04/17. They were assigned to Work Order 17-04-0177.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0177
Project Name: LMC BOU
Received: 04/04/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
B-1-CW12-N-17Q2 (17-04-0177-1)						
Chromium, Hexavalent	11		0.020	ug/L	EPA 218.6	N/A
Chromium	0.0115		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethene	1.9		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	1.5		0.50	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	2.5		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	5.5		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	14		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	1.1		0.50	ug/L	EPA 8260B	EPA 5030C
3860K-N-17Q2 (17-04-0177-2)						
Chromium, Hexavalent	1.9		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00344		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloro-1,2,2-Trifluoroethane	8.5		5.0	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	17		5.0	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	29		10	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	200		5.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	210		5.0	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	2.3	J	2.0*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	32		2.5	ug/L	EPA 8260B SIM	EPA 5030C
B1-CW17-N-17Q2 (17-04-0177-3)						
Chromium, Hexavalent	20		0.020	ug/L	EPA 218.6	N/A
Chromium	0.0246		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethene	2.9		2.0	ug/L	EPA 8260B	EPA 5030C
Chloroform	4.3		2.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	70		2.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	94		2.0	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	3.2		2.0	ug/L	EPA 8260B	EPA 5030C
1,4-Dioxane	2.9		1.0	ug/L	EPA 8270C (M) Isotope Dilution	EPA 3510C
3831Q-N-17Q2 (17-04-0177-4)						
Chromium	0.0213		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethane	0.21	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.28	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.66		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	1.2		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	9.2		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.40	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.011		0.0050	ug/L	EPA 8260B SIM	EPA 5030C

* MDL is shown

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0177
Project Name: LMC BOU
Received: 04/04/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
3830Q-N-17Q2 (17-04-0177-5)						
Chromium, Hexavalent	0.19		0.020	ug/L	EPA 218.6	N/A
Chromium	0.000770	J	0.000402*	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethane	0.62		0.50	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	0.78	J	0.40*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	0.50		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.51		0.50	ug/L	EPA 8260B	EPA 5030C
3830S-N-17Q2 (17-04-0177-6)						
Chromium, Hexavalent	0.93		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00403		0.00100	mg/L	EPA 6020	EPA 3020A Total
Chloroform	1.4	J	0.80*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	2.9		2.0	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	85		2.0	ug/L	EPA 8260B	EPA 5030C
Methyl-t-Butyl Ether (MTBE)	1.6	J	0.80*	ug/L	EPA 8260B	EPA 5030C
3851N-N-17Q2 (17-04-0177-7)						
Chromium, Hexavalent	1.2		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00172		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethane	0.28	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Acetone	5.7	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Dichlorodifluoromethane	1.2		1.0	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	0.67		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	0.56		0.50	ug/L	EPA 8260B	EPA 5030C

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW12-N-17Q2	**17-04-0177-1-K**	**04/04/17 15:00**	**Aqueous**	**IC 16**	**N/A**	**04/04/17 22:10**	**170404L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	11	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3860K-N-17Q2	**17-04-0177-2-K**	**04/04/17 11:36**	**Aqueous**	**IC 16**	**N/A**	**04/04/17 22:21**	**170404L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	1.9	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B1-CW17-N-17Q2	**17-04-0177-3-K**	**04/04/17 08:31**	**Aqueous**	**IC 16**	**N/A**	**04/04/17 22:33**	**170404L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	20	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3831Q-N-17Q2	**17-04-0177-4-K**	**04/04/17 10:14**	**Aqueous**	**IC 16**	**N/A**	**04/04/17 22:44**	**170404L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3830Q-N-17Q2	**17-04-0177-5-K**	**04/04/17 12:29**	**Aqueous**	**IC 16**	**N/A**	**04/04/17 22:55**	**170404L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.19	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3830S-N-17Q2	**17-04-0177-6-K**	**04/04/17 14:13**	**Aqueous**	**IC 16**	**N/A**	**04/04/17 23:06**	**170404L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.93	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3851N-N-17Q2	**17-04-0177-7-K**	**04/04/17 16:37**	**Aqueous**	**IC 16**	**N/A**	**04/04/17 23:18**	**170404L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	1.2	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-567-230**	**N/A**	**Aqueous**	**IC 16**	**N/A**	**04/04/17 18:36**	**170404L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW12-N-17Q2	**17-04-0177-1-L**	**04/04/17 15:00**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 00:32**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0115	0.00100	0.000402	1.00	

3860K-N-17Q2	**17-04-0177-2-L**	**04/04/17 11:36**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 00:36**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00344	0.00100	0.000402	1.00	

B1-CW17-N-17Q2	**17-04-0177-3-L**	**04/04/17 08:31**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 00:40**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0246	0.00100	0.000402	1.00	

3831Q-N-17Q2	**17-04-0177-4-L**	**04/04/17 10:14**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 00:43**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.0213	0.00100	0.000402	1.00	

3830Q-N-17Q2	**17-04-0177-5-L**	**04/04/17 12:29**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 01:39**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.000770	0.00100	0.000402	1.00	J

3830S-N-17Q2	**17-04-0177-6-L**	**04/04/17 14:13**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 01:43**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00403	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3851N-N-17Q2	**17-04-0177-7-L**	**04/04/17 16:37**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 01:46**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00172	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**096-06-003-5524**	**N/A**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/14/17 21:31**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	ND	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW12-N-17Q2	**17-04-0177-1-M**	**04/04/17 15:00**	**Aqueous**	**GC/MS DDD**	**04/08/17**	**04/08/17 19:40**	**170408L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	107	56-123	
1,4-Dioxane-d8(IDS-IS)	42	30-120	

3860K-N-17Q2	**17-04-0177-2-M**	**04/04/17 11:36**	**Aqueous**	**GC/MS DDD**	**04/08/17**	**04/08/17 19:56**	**170408L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	104	56-123	
1,4-Dioxane-d8(IDS-IS)	43	30-120	

B1-CW17-N-17Q2	**17-04-0177-3-M**	**04/04/17 08:31**	**Aqueous**	**GC/MS DDD**	**04/08/17**	**04/08/17 20:12**	**170408L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	2.9	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	105	56-123	
1,4-Dioxane-d8(IDS-IS)	41	30-120	

3831Q-N-17Q2	**17-04-0177-4-M**	**04/04/17 10:14**	**Aqueous**	**GC/MS DDD**	**04/08/17**	**04/08/17 20:28**	**170408L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	104	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3830Q-N-17Q2	**17-04-0177-5-M**	**04/04/17 12:29**	**Aqueous**	**GC/MS DDD**	**04/08/17**	**04/08/17 20:44**	**170408L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	110	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3830S-N-17Q2	**17-04-0177-6-M**	**04/04/17 14:13**	**Aqueous**	**GC/MS DDD**	**04/08/17**	**04/08/17 21:00**	**170408L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	105	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3851N-N-17Q2	**17-04-0177-7-M**	**04/04/17 16:37**	**Aqueous**	**GC/MS DDD**	**04/08/17**	**04/08/17 21:16**	**170408L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	106	56-123	
1,4-Dioxane-d8(IDS-IS)	39	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-216-1001**	**N/A**	**Aqueous**	**GC/MS DDD**	**04/08/17**	**04/08/17 16:16**	**170408L10**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	111	56-123	
1,4-Dioxane-d8(IDS-IS)	44	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW12-N-17Q2	**17-04-0177-1-A**	**04/04/17 15:00**	**Aqueous**	**GC/MS L**	**04/13/17**	**04/14/17 01:08**	**170413L043**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	1.9	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 2 of 33

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	1.5	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	2.5	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	5.5	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	14	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	1.1	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	87	68-120	
Dibromofluoromethane	111	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 3 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	110	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3860K-N-17Q2	**17-04-0177-2-A**	**04/04/17 11:36**	**Aqueous**	**GC/MS L**	**04/13/17**	**04/14/17 01:38**	**170413L043**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	5.0	2.0	10.0	
1,1,1-Trichloroethane	ND	5.0	2.0	10.0	
1,1,2,2-Tetrachloroethane	ND	5.0	2.0	10.0	
1,1,2-Trichloro-1,2,2-Trifluoroethane	8.5	5.0	2.4	10.0	
1,1,2-Trichloroethane	ND	5.0	2.0	10.0	
1,1-Dichloroethane	ND	5.0	2.0	10.0	
1,1-Dichloroethene	17	5.0	2.8	10.0	
1,1-Dichloropropene	ND	5.0	3.0	10.0	
1,2,3-Trichlorobenzene	ND	5.0	2.0	10.0	
1,2,3-Trichloropropane	29	10	4.0	10.0	
1,2,4-Trichlorobenzene	ND	5.0	2.0	10.0	
1,2,4-Trimethylbenzene	ND	5.0	2.0	10.0	
1,2-Dibromo-3-Chloropropane	ND	50	20	10.0	
1,2-Dibromoethane	ND	5.0	2.0	10.0	
1,2-Dichlorobenzene	ND	5.0	2.0	10.0	
1,2-Dichloroethane	ND	5.0	2.0	10.0	
1,2-Dichloropropane	ND	5.0	2.0	10.0	
1,3,5-Trimethylbenzene	ND	5.0	2.0	10.0	
1,3-Dichlorobenzene	ND	5.0	2.8	10.0	
1,3-Dichloropropane	ND	10	4.0	10.0	
1,4-Dichlorobenzene	ND	5.0	2.0	10.0	
2,2-Dichloropropane	ND	10	4.0	10.0	
2-Butanone	ND	50	20	10.0	
2-Chlorotoluene	ND	5.0	2.0	10.0	
2-Hexanone	ND	100	40	10.0	
4-Chlorotoluene	ND	5.0	3.6	10.0	
4-Methyl-2-Pentanone	ND	50	20	10.0	
Acetone	ND	100	40	10.0	
Benzene	ND	5.0	2.0	10.0	
Bromobenzene	ND	5.0	3.2	10.0	
Bromochloromethane	ND	10	4.0	10.0	
Bromodichloromethane	ND	5.0	2.0	10.0	
Bromoform	ND	5.0	2.5	10.0	
Bromomethane	ND	10	4.0	10.0	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 5 of 33

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	10	4.0	10.0	
Carbon Tetrachloride	ND	5.0	2.0	10.0	
Chlorobenzene	ND	5.0	2.0	10.0	
Chloroethane	ND	5.0	3.2	10.0	
Chloroform	ND	5.0	2.0	10.0	
Chloromethane	ND	5.0	2.9	10.0	
Dibromochloromethane	ND	5.0	2.0	10.0	
Dibromomethane	ND	5.0	2.0	10.0	
Dichlorodifluoromethane	ND	10	4.0	10.0	
Ethylbenzene	ND	5.0	2.0	10.0	
Isopropylbenzene	ND	5.0	2.0	10.0	
Methylene Chloride	ND	10	8.0	10.0	
Naphthalene	ND	10	4.0	10.0	
Styrene	ND	5.0	2.0	10.0	
Tetrachloroethene	200	5.0	2.0	10.0	
Toluene	ND	5.0	2.0	10.0	
t-1,2-Dichloroethene	ND	5.0	2.0	10.0	
Trichloroethene	210	5.0	2.9	10.0	
Trichlorofluoromethane	ND	5.0	2.0	10.0	
Vinyl Acetate	ND	50	20	10.0	
Vinyl Chloride	ND	5.0	2.0	10.0	
c-1,3-Dichloropropene	ND	5.0	2.0	10.0	
c-1,2-Dichloroethene	2.3	5.0	2.0	10.0	J
n-Butylbenzene	ND	5.0	2.0	10.0	
n-Propylbenzene	ND	5.0	2.0	10.0	
o-Xylene	ND	5.0	3.2	10.0	
p-Isopropyltoluene	ND	5.0	2.0	10.0	
sec-Butylbenzene	ND	5.0	2.0	10.0	
t-1,3-Dichloropropene	ND	5.0	2.0	10.0	
tert-Butylbenzene	ND	5.0	2.0	10.0	
p/m-Xylene	ND	5.0	2.0	10.0	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	2.0	10.0	
2-Chloroethyl Vinyl Ether	ND	50	42	10.0	
Hexachloro-1,3-Butadiene	ND	20	8.0	10.0	
Iodomethane	ND	100	50	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	68-120	
Dibromofluoromethane	105	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 6 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	117	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B1-CW17-N-17Q2	**17-04-0177-3-C**	**04/04/17 08:31**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 13:41**	**170417L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	2.0	0.80	4.00	
1,1,1-Trichloroethane	ND	2.0	0.80	4.00	
1,1,2,2-Tetrachloroethane	ND	2.0	0.80	4.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.0	0.96	4.00	
1,1,2-Trichloroethane	ND	2.0	0.80	4.00	
1,1-Dichloroethane	ND	2.0	0.80	4.00	
1,1-Dichloroethene	2.9	2.0	1.1	4.00	
1,1-Dichloropropene	ND	2.0	1.2	4.00	
1,2,3-Trichlorobenzene	ND	2.0	0.80	4.00	
1,2,3-Trichloropropane	ND	4.0	1.6	4.00	
1,2,4-Trichlorobenzene	ND	2.0	0.80	4.00	
1,2,4-Trimethylbenzene	ND	2.0	0.80	4.00	
1,2-Dibromo-3-Chloropropane	ND	20	8.0	4.00	
1,2-Dibromoethane	ND	2.0	0.80	4.00	
1,2-Dichlorobenzene	ND	2.0	0.80	4.00	
1,2-Dichloroethane	ND	2.0	0.80	4.00	
1,2-Dichloropropane	ND	2.0	0.80	4.00	
1,3,5-Trimethylbenzene	ND	2.0	0.80	4.00	
1,3-Dichlorobenzene	ND	2.0	1.1	4.00	
1,3-Dichloropropane	ND	4.0	1.6	4.00	
1,4-Dichlorobenzene	ND	2.0	0.80	4.00	
2,2-Dichloropropane	ND	4.0	1.6	4.00	
2-Butanone	ND	20	8.0	4.00	
2-Chlorotoluene	ND	2.0	0.80	4.00	
2-Hexanone	ND	40	16	4.00	
4-Chlorotoluene	ND	2.0	1.4	4.00	
4-Methyl-2-Pentanone	ND	20	8.0	4.00	
Acetone	ND	40	16	4.00	
Benzene	ND	2.0	0.80	4.00	
Bromobenzene	ND	2.0	1.3	4.00	
Bromochloromethane	ND	4.0	1.6	4.00	
Bromodichloromethane	ND	2.0	0.80	4.00	
Bromoform	ND	2.0	0.99	4.00	
Bromomethane	ND	4.0	1.6	4.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	4.0	1.6	4.00	
Carbon Tetrachloride	ND	2.0	0.80	4.00	
Chlorobenzene	ND	2.0	0.80	4.00	
Chloroethane	ND	2.0	1.3	4.00	
Chloroform	4.3	2.0	0.80	4.00	
Chloromethane	ND	2.0	1.2	4.00	
Dibromochloromethane	ND	2.0	0.80	4.00	
Dibromomethane	ND	2.0	0.80	4.00	
Dichlorodifluoromethane	ND	4.0	1.6	4.00	
Ethylbenzene	ND	2.0	0.80	4.00	
Isopropylbenzene	ND	2.0	0.80	4.00	
Methylene Chloride	ND	4.0	3.2	4.00	
Naphthalene	ND	4.0	1.6	4.00	
Styrene	ND	2.0	0.80	4.00	
Tetrachloroethene	70	2.0	0.80	4.00	
Toluene	ND	2.0	0.80	4.00	
t-1,2-Dichloroethene	ND	2.0	0.80	4.00	
Trichloroethene	94	2.0	1.1	4.00	
Trichlorofluoromethane	ND	2.0	0.80	4.00	
Vinyl Acetate	ND	20	8.0	4.00	
Vinyl Chloride	ND	2.0	0.80	4.00	
c-1,3-Dichloropropene	ND	2.0	0.80	4.00	
c-1,2-Dichloroethene	3.2	2.0	0.80	4.00	
n-Butylbenzene	ND	2.0	0.80	4.00	
n-Propylbenzene	ND	2.0	0.80	4.00	
o-Xylene	ND	2.0	1.3	4.00	
p-Isopropyltoluene	ND	2.0	0.80	4.00	
sec-Butylbenzene	ND	2.0	0.80	4.00	
t-1,3-Dichloropropene	ND	2.0	0.80	4.00	
tert-Butylbenzene	ND	2.0	0.80	4.00	
p/m-Xylene	ND	2.0	0.80	4.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.80	4.00	
2-Chloroethyl Vinyl Ether	ND	20	17	4.00	
Hexachloro-1,3-Butadiene	ND	8.0	3.2	4.00	
Iodomethane	ND	40	20	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	68-120	
Dibromofluoromethane	108	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 9 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	110	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3831Q-N-17Q2	**17-04-0177-4-A**	**04/04/17 10:14**	**Aqueous**	**GC/MS L**	**04/14/17**	**04/14/17 18:25**	**170414L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	0.21	0.50	0.20	1.00	J
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.28	0.50	0.20	1.00	J
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.66	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	1.2	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	9.2	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.40	0.50	0.20	1.00	J
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	88	68-120	
Dibromofluoromethane	113	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 12 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	116	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3830Q-N-17Q2	**17-04-0177-5-A**	**04/04/17 12:29**	**Aqueous**	**GC/MS L**	**04/14/17**	**04/14/17 18:56**	**170414L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	0.62	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	0.78	1.0	0.40	1.00	J
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	0.50	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.51	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	87	68-120	
Dibromofluoromethane	114	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 15 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	118	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3830S-N-17Q2	**17-04-0177-6-A**	**04/04/17 14:13**	**Aqueous**	**GC/MS L**	**04/14/17**	**04/14/17 19:26**	**170414L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	2.0	0.80	4.00	
1,1,1-Trichloroethane	ND	2.0	0.80	4.00	
1,1,2,2-Tetrachloroethane	ND	2.0	0.80	4.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.0	0.96	4.00	
1,1,2-Trichloroethane	ND	2.0	0.80	4.00	
1,1-Dichloroethane	ND	2.0	0.80	4.00	
1,1-Dichloroethene	ND	2.0	1.1	4.00	
1,1-Dichloropropene	ND	2.0	1.2	4.00	
1,2,3-Trichlorobenzene	ND	2.0	0.80	4.00	
1,2,3-Trichloropropane	ND	4.0	1.6	4.00	
1,2,4-Trichlorobenzene	ND	2.0	0.80	4.00	
1,2,4-Trimethylbenzene	ND	2.0	0.80	4.00	
1,2-Dibromo-3-Chloropropane	ND	20	8.0	4.00	
1,2-Dibromoethane	ND	2.0	0.80	4.00	
1,2-Dichlorobenzene	ND	2.0	0.80	4.00	
1,2-Dichloroethane	ND	2.0	0.80	4.00	
1,2-Dichloropropane	ND	2.0	0.80	4.00	
1,3,5-Trimethylbenzene	ND	2.0	0.80	4.00	
1,3-Dichlorobenzene	ND	2.0	1.1	4.00	
1,3-Dichloropropane	ND	4.0	1.6	4.00	
1,4-Dichlorobenzene	ND	2.0	0.80	4.00	
2,2-Dichloropropane	ND	4.0	1.6	4.00	
2-Butanone	ND	20	8.0	4.00	
2-Chlorotoluene	ND	2.0	0.80	4.00	
2-Hexanone	ND	40	16	4.00	
4-Chlorotoluene	ND	2.0	1.4	4.00	
4-Methyl-2-Pentanone	ND	20	8.0	4.00	
Acetone	ND	40	16	4.00	
Benzene	ND	2.0	0.80	4.00	
Bromobenzene	ND	2.0	1.3	4.00	
Bromochloromethane	ND	4.0	1.6	4.00	
Bromodichloromethane	ND	2.0	0.80	4.00	
Bromoform	ND	2.0	0.99	4.00	
Bromomethane	ND	4.0	1.6	4.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	4.0	1.6	4.00	
Carbon Tetrachloride	ND	2.0	0.80	4.00	
Chlorobenzene	ND	2.0	0.80	4.00	
Chloroethane	ND	2.0	1.3	4.00	
Chloroform	1.4	2.0	0.80	4.00	J
Chloromethane	ND	2.0	1.2	4.00	
Dibromochloromethane	ND	2.0	0.80	4.00	
Dibromomethane	ND	2.0	0.80	4.00	
Dichlorodifluoromethane	ND	4.0	1.6	4.00	
Ethylbenzene	ND	2.0	0.80	4.00	
Isopropylbenzene	ND	2.0	0.80	4.00	
Methylene Chloride	ND	4.0	3.2	4.00	
Naphthalene	ND	4.0	1.6	4.00	
Styrene	ND	2.0	0.80	4.00	
Tetrachloroethene	2.9	2.0	0.80	4.00	
Toluene	ND	2.0	0.80	4.00	
t-1,2-Dichloroethene	ND	2.0	0.80	4.00	
Trichloroethene	85	2.0	1.1	4.00	
Trichlorofluoromethane	ND	2.0	0.80	4.00	
Vinyl Acetate	ND	20	8.0	4.00	
Vinyl Chloride	ND	2.0	0.80	4.00	
c-1,3-Dichloropropene	ND	2.0	0.80	4.00	
c-1,2-Dichloroethene	ND	2.0	0.80	4.00	
n-Butylbenzene	ND	2.0	0.80	4.00	
n-Propylbenzene	ND	2.0	0.80	4.00	
o-Xylene	ND	2.0	1.3	4.00	
p-Isopropyltoluene	ND	2.0	0.80	4.00	
sec-Butylbenzene	ND	2.0	0.80	4.00	
t-1,3-Dichloropropene	ND	2.0	0.80	4.00	
tert-Butylbenzene	ND	2.0	0.80	4.00	
p/m-Xylene	ND	2.0	0.80	4.00	
Methyl-t-Butyl Ether (MTBE)	1.6	2.0	0.80	4.00	J
2-Chloroethyl Vinyl Ether	ND	20	17	4.00	
Hexachloro-1,3-Butadiene	ND	8.0	3.2	4.00	
Iodomethane	ND	40	20	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	68-120	
Dibromofluoromethane	109	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 18 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	114	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3851N-N-17Q2	**17-04-0177-7-A**	**04/04/17 16:37**	**Aqueous**	**GC/MS L**	**04/14/17**	**04/14/17 19:57**	**170414L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	0.28	0.50	0.20	1.00	J
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	5.7	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	1.2	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	0.67	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	0.56	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	68-120	
Dibromofluoromethane	110	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 21 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	116	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170404	**17-04-0177-8-A**	**04/04/17 07:00**	**Aqueous**	**GC/MS L**	**04/14/17**	**04/14/17 17:24**	**170414L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 23 of 33

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	88	68-120	
Dibromofluoromethane	114	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 24 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	115	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 25 of 33

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4617**	**N/A**	**Aqueous**	**GC/MS L**	**04/13/17**	**04/14/17 00:37**	**170413L043**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 26 of 33

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	88	68-120	
Dibromofluoromethane	100	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 27 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	109	80-128	
Toluene-d8	97	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 28 of 33

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4618**	**N/A**	**Aqueous**	**GC/MS L**	**04/14/17**	**04/14/17 12:40**	**170414L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 29 of 33

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	85	68-120	
Dibromofluoromethane	98	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 30 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	99	80-128	
Toluene-d8	95	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 31 of 33

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4622**	**N/A**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 11:00**	**170417L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 32 of 33

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	68-120	
Dibromofluoromethane	104	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 33 of 33

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	101	80-128	
Toluene-d8	97	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B-1-CW12-N-17Q2	**17-04-0177-1-F**	**04/04/17 15:00**	**Aqueous**	**GC/MS M**	**04/07/17**	**04/08/17 01:35**	**170407L045**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	100	67-133	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3860K-N-17Q2	**17-04-0177-2-H**	**04/04/17 11:36**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 14:40**	**170408L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	32	2.5	1.2	500	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	90	67-133	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
B1-CW17-N-17Q2	**17-04-0177-3-G**	**04/04/17 08:31**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 12:41**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	89	67-133	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3831Q-N-17Q2	**17-04-0177-4-H**	**04/04/17 10:14**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 14:10**	**170408L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.011	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	101	67-133	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
		Units:	ug/L
Project: LMC BOU			Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3830Q-N-17Q2	**17-04-0177-5-H**	**04/04/17 12:29**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 17:11**	**170408L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	107	67-133	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3830S-N-17Q2	**17-04-0177-6-H**	**04/04/17 14:13**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 17:41**	**170408L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	96	67-133	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3851N-N-17Q2	**17-04-0177-7-H**	**04/04/17 16:37**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 18:11**	**170408L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	98	67-133	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170404	**17-04-0177-8-B**	**04/04/17 07:00**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 12:41**	**170408L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	98	67-133	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-475**	**N/A**	**Aqueous**	**GC/MS M**	**04/07/17**	**04/07/17 22:36**	**170407L045**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	102	67-133	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-476**	**N/A**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 11:41**	**170408L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	90	67-133	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-478**	**N/A**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 12:11**	**170410L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	95	67-133	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: N/A
Method: EPA 218.6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
3851N-N-17Q2	**Sample**	**Aqueous**	**IC 16**	**N/A**	**04/04/17 23:18**	**170404S01**
3851N-N-17Q2	**Matrix Spike**	**Aqueous**	**IC 16**	**N/A**	**04/04/17 23:29**	**170404S01**
3851N-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**IC 16**	**N/A**	**04/04/17 23:40**	**170404S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	1.220	10.00	11.60	104	11.81	106	85-121	2	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.	Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0177
San Bernardino, CA 92408-3562	Preparation:	EPA 3020A Total
	Method:	EPA 6020
Project: LMC BOU		Page 2 of 9

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0732-1	**Sample**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/14/17 22:12**	**170413SA3**
17-04-0732-1	**Matrix Spike**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/14/17 21:57**	**170413SA3**
17-04-0732-1	**Matrix Spike Duplicate**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/14/17 22:01**	**170413SA3**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium	0.01372	0.1000	0.1169	103	0.1110	97	73-133	5	0-11	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0178-3	**Sample**	**Aqueous**	**GC/MS DDD**	**04/08/17**	**04/08/17 17:35**	**170408S10**
17-04-0178-3	**Matrix Spike**	**Aqueous**	**GC/MS DDD**	**04/08/17**	**04/08/17 16:47**	**170408S10**
17-04-0178-3	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS DDD**	**04/08/17**	**04/08/17 17:03**	**170408S10**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	ND	20.00	18.78	94	19.14	96	50-130	2	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
B-1-CW12-N-17Q2	**Sample**	**Aqueous**	**GC/MS L**	**04/13/17**	**04/14/17 01:08**	**170413S027**
B-1-CW12-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/13/17**	**04/14/17 02:09**	**170413S027**
B-1-CW12-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/13/17**	**04/14/17 02:40**	**170413S027**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	1.879	10.00	9.512	76	11.28	94	66-126	17	0-20	
1,2-Dibromoethane	ND	10.00	9.253	93	9.618	96	75-126	4	0-20	
1,2-Dichlorobenzene	ND	10.00	9.105	91	9.313	93	75-125	2	0-20	
1,2-Dichloroethane	ND	10.00	9.996	100	9.420	94	75-127	6	0-20	
Benzene	ND	10.00	9.667	97	9.322	93	75-125	4	0-20	
Carbon Tetrachloride	ND	10.00	9.433	94	9.899	99	69-135	5	0-20	
Chlorobenzene	ND	10.00	8.833	88	9.187	92	75-125	4	0-20	
Ethylbenzene	ND	10.00	9.192	92	9.538	95	75-125	4	0-20	
Toluene	ND	10.00	9.113	91	9.343	93	75-125	2	0-20	
Trichloroethene	13.54	10.00	21.27	77	22.03	85	75-125	4	0-20	
Vinyl Chloride	ND	10.00	10.77	108	11.59	116	52-142	7	0-20	
o-Xylene	ND	10.00	9.426	94	9.768	98	75-127	4	0-20	
p/m-Xylene	ND	20.00	18.26	91	19.14	96	75-125	5	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	8.774	88	8.967	90	71-131	2	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0719-2	**Sample**	**Aqueous**	**GC/MS L**	**04/14/17**	**04/14/17 14:20**	**170414S008**
17-04-0719-2	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/14/17**	**04/14/17 14:51**	**170414S008**
17-04-0719-2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/14/17**	**04/14/17 15:21**	**170414S008**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	11.26	80.00	76.22	81	75.22	80	66-126	1	0-20	
1,2-Dibromoethane	ND	80.00	71.28	89	72.41	91	75-126	2	0-20	
1,2-Dichlorobenzene	ND	80.00	68.63	86	70.62	88	75-125	3	0-20	
1,2-Dichloroethane	ND	80.00	68.47	86	69.62	87	75-127	2	0-20	
Benzene	ND	80.00	69.04	86	68.75	86	75-125	0	0-20	
Carbon Tetrachloride	ND	80.00	72.94	91	74.00	92	69-135	1	0-20	
Chlorobenzene	ND	80.00	71.82	90	71.80	90	75-125	0	0-20	
Ethylbenzene	ND	80.00	73.13	91	71.87	90	75-125	2	0-20	
Toluene	ND	80.00	68.98	86	69.76	87	75-125	1	0-20	
Trichloroethene	ND	80.00	68.40	85	67.92	85	75-125	1	0-20	
Vinyl Chloride	5.784	80.00	78.97	91	75.75	87	52-142	4	0-20	
o-Xylene	ND	80.00	73.69	92	73.36	92	75-127	0	0-20	
p/m-Xylene	ND	160.0	147.5	92	144.5	90	75-125	2	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	80.00	68.22	85	65.20	81	71-131	5	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0812-10	**Sample**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 11:38**	**170417S004**
17-04-0812-10	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 12:09**	**170417S004**
17-04-0812-10	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 12:40**	**170417S004**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	ND	40.00	40.89	102	37.31	93	66-126	9	0-20	
1,2-Dibromoethane	ND	40.00	40.09	100	38.95	97	75-126	3	0-20	
1,2-Dichlorobenzene	ND	40.00	39.39	98	38.17	95	75-125	3	0-20	
1,2-Dichloroethane	ND	40.00	39.67	99	36.93	92	75-127	7	0-20	
Benzene	ND	40.00	42.71	107	39.64	99	75-125	7	0-20	
Carbon Tetrachloride	ND	40.00	48.18	120	45.49	114	69-135	6	0-20	
Chlorobenzene	ND	40.00	41.49	104	38.79	97	75-125	7	0-20	
Ethylbenzene	ND	40.00	44.13	110	41.07	103	75-125	7	0-20	
Toluene	ND	40.00	42.59	106	39.56	99	75-125	7	0-20	
Trichloroethene	ND	40.00	42.88	107	39.37	98	75-125	9	0-20	
Vinyl Chloride	129.4	40.00	173.5	110	175.2	115	52-142	1	0-20	
o-Xylene	ND	40.00	44.32	111	40.85	102	75-127	8	0-20	
p/m-Xylene	ND	80.00	88.99	111	82.77	103	75-125	7	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	40.00	35.80	90	33.94	85	71-131	5	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 9

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0173-3	**Sample**	**Aqueous**	**GC/MS M**	**04/07/17**	**04/07/17 23:06**	**170407S025**
17-04-0173-3	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/07/17**	**04/08/17 00:06**	**170407S025**
17-04-0173-3	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/07/17**	**04/08/17 00:36**	**170407S025**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.02440	122	0.02370	118	72-132	3	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 8 of 9

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0186-1	**Sample**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 13:40**	**170408S010**
17-04-0186-1	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 15:40**	**170408S010**
17-04-0186-1	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 16:10**	**170408S010**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.02770	138	0.03130	156	70-130	12	0-20	3

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 9 of 9

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0322-10	**Sample**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 13:40**	**170410S020**
17-04-0322-10	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 15:10**	**170410S020**
17-04-0322-10	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 15:40**	**170410S020**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.01940	97	0.02180	109	72-132	12	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
17-04-0732-1	**Sample**	**Aqueous**	**ICP/MS 05**	**04/13/17 00:00**	**04/14/17 22:12**	**170413SA3**
17-04-0732-1	**PDS**	**Aqueous**	**ICP/MS 05**	**04/13/17 00:00**	**04/14/17 22:05**	**170413SA3**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Chromium	0.01372	0.1000	0.1189	105	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	N/A
		Method:	EPA 218.6
Project: LMC BOU			Page 1 of 9

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-567-230	**LCS**	**Aqueous**	**IC 16**	**N/A**	**04/04/17 18:48**	**170404L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	10.00	10.03	100	95-107	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 9

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
096-06-003-5524	**LCS**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/14/17 21:35**	**170413LA3**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium	0.1000	0.1005	101	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 3510C
		Method:	EPA 8270C (M) Isotope Dilution
Project: LMC BOU			Page 3 of 9

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-216-1001	**LCS**	**Aqueous**	**GC/MS DDD**	**04/08/17**	**04/08/17 16:32**	**170408L10**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	18.80	94	50-130	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/04/17
Work Order: 17-04-0177
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-025-4617	**LCS**	**Aqueous**	**GC/MS L**	**04/13/17**	**04/13/17 22:04**	**170413L043**
099-10-025-4617	**LCSD**	**Aqueous**	**GC/MS L**	**04/13/17**	**04/13/17 22:34**	**170413L043**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	10.00	10.07	101	10.22	102	77-120	70-127	2	0-26	
1,2-Dibromoethane	10.00	10.28	103	10.31	103	80-120	73-127	0	0-32	
1,2-Dichlorobenzene	10.00	9.886	99	10.02	100	80-120	73-127	1	0-30	
1,2-Dichloroethane	10.00	10.05	101	10.03	100	80-122	73-129	0	0-23	
Benzene	10.00	10.28	103	10.13	101	80-120	73-127	1	0-22	
Carbon Tetrachloride	10.00	10.46	105	10.37	104	80-129	72-137	1	0-36	
Chlorobenzene	10.00	10.24	102	10.13	101	80-120	73-127	1	0-29	
Ethylbenzene	10.00	10.57	106	10.59	106	80-120	73-127	0	0-25	
Toluene	10.00	10.37	104	10.12	101	80-120	73-127	2	0-28	
Trichloroethene	10.00	10.30	103	9.939	99	80-120	73-127	4	0-25	
Vinyl Chloride	10.00	11.06	111	10.41	104	63-135	51-147	6	0-30	
o-Xylene	10.00	10.81	108	10.83	108	80-120	73-127	0	0-30	
p/m-Xylene	20.00	21.49	107	21.26	106	80-120	73-127	1	0-30	
Methyl-t-Butyl Ether (MTBE)	10.00	9.519	95	9.337	93	75-123	67-131	2	0-27	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 5 of 9

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4618	**LCS**	**Aqueous**	**GC/MS L**	**04/14/17**	**04/14/17 10:29**	**170414L018**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	8.672	87	77-120	70-127	
1,2-Dibromoethane	10.00	10.16	102	80-120	73-127	
1,2-Dichlorobenzene	10.00	9.625	96	80-120	73-127	
1,2-Dichloroethane	10.00	9.608	96	80-122	73-129	
Benzene	10.00	9.369	94	80-120	73-127	
Carbon Tetrachloride	10.00	9.910	99	80-129	72-137	
Chlorobenzene	10.00	9.337	93	80-120	73-127	
Ethylbenzene	10.00	9.554	96	80-120	73-127	
Toluene	10.00	9.437	94	80-120	73-127	
Trichloroethene	10.00	9.128	91	80-120	73-127	
Vinyl Chloride	10.00	9.740	97	63-135	51-147	
o-Xylene	10.00	9.880	99	80-120	73-127	
p/m-Xylene	20.00	19.30	96	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	9.550	95	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 6 of 9

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4622	**LCS**	**Aqueous**	**GC/MS L**	**04/17/17**	**04/17/17 10:08**	**170417L008**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	8.719	87	77-120	70-127	
1,2-Dibromoethane	10.00	10.64	106	80-120	73-127	
1,2-Dichlorobenzene	10.00	10.17	102	80-120	73-127	
1,2-Dichloroethane	10.00	9.858	99	80-122	73-129	
Benzene	10.00	10.16	102	80-120	73-127	
Carbon Tetrachloride	10.00	10.82	108	80-129	72-137	
Chlorobenzene	10.00	10.40	104	80-120	73-127	
Ethylbenzene	10.00	10.70	107	80-120	73-127	
Toluene	10.00	10.38	104	80-120	73-127	
Trichloroethene	10.00	10.25	103	80-120	73-127	
Vinyl Chloride	10.00	10.36	104	63-135	51-147	
o-Xylene	10.00	10.96	110	80-120	73-127	
p/m-Xylene	20.00	21.84	109	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	8.641	86	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 9

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-475	**LCS**	**Aqueous**	**GC/MS M**	**04/07/17**	**04/07/17 21:07**	**170407L045**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02320	116	72-132	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/04/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0177
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 8 of 9

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-476	**LCS**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 10:42**	**170408L018**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02380	119	72-132	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.	Date Received: 04/04/17
301 E. Vanderbilt Way, Suite 450	Work Order: 17-04-0177
San Bernardino, CA 92408-3562	Preparation: EPA 5030C
	Method: EPA 8260B SIM
Project: LMC BOU	Page 9 of 9

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-478	**LCS**	**Aqueous**	**GC/MS M**	**04/10/17**	**04/10/17 11:04**	**170410L035**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02250	112	72-132	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-04-0177 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 218.6	N/A	1065	IC 16	1
EPA 6020	EPA 3020A Total	598	ICP/MS 05	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B	EPA 5030C	823	GC/MS L	2
EPA 8260B SIM	EPA 5030C	486	GC/MS M	2
EPA 8270C (M) Isotope Dilution	EPA 3510C	928	GC/MS DDD	1

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Glossary of Terms and Qualifiers

Work Order: 17-04-0177 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us25_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

Date: 4-4-2017
Page: ____ of: 1

WO NO. (LAB USE ONLY): **17-04-0177**

LABORATORY CLIENT: TetraTech Inc
ADDRESS: 301 E Vanderbilt Way Suite 450
CITY: San Bernardino STATE: CA ZIP: 92408
TEL: 909-381-1674 E-MAIL:

CLIENT PROJECT NAME / NO.: LMC BOA
PROJECT CONTACT: Robert Sabater
GLOBAL ID: LOG CODE:
P.O. NO.:
LAB CONTACT OR QUOTE NO.:
SAMPLER(S): (PRINT) Jason Cook, Vanessa Calder

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD'):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD:
☐ GEOLT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	LUFT-HC(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☐ C6-C44	TPH _____	BTEX / MTBE ☐ 8260 ☐ _____	VOCs (8260)	Oxygenates (8260)	Phen (8041A) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/7470/1 ☐ 6020/7471A	CAM17 ☐ 7196 ☐ 218.6	1,4 Dioxane	Hex Cr	ICP/MS metals	1,2,3, TCP
1	B-1-GW12-N-1702	4-4-17	1000	W	13	✓	✓							5									1	1	1	5
2	3860K-N-1702	4-4-17	1136	W	13	✓	✓							5									1	1	1	5
3	B-1-GW17-N-1702	4-4-17	0831	W	13	✓	✓							5									1	1	1	5
4	38310	4-4-17	1014	W	13	✓	✓							5									1	1	1	5
5	3830Q	4-4-17	1229	W	13	✓	✓							5									1	1	1	5
6	3830S	4-4-17	1443	W	13	✓	✓							5									1	1	1	5
7	3851N-N-1702	4-4-17	1637	W	13	✓	✓							5									1	1	1	5
8	LTB-20170404	4-4-17	0700	W	3		✓							2												1

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 04/04/17	Time: 1727
Relinquished by: (Signature)	Received by: (Signature/Affiliation) ECI	Date: 4/4/17	Time: 1903
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2016-04-01-Revision

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WORK ORDER NUMBER: 17-04- 0177

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Tetra Tech

DATE: 04 / 4 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC3B (CF: 0.0°C); Temperature (w/o CF): 2.0 °C (w/ CF): 2.0 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 1091

CUSTODY SEAL:

Cooler ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1091

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☐	☑	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: 170228A)

Aqueous: ☐ VOA ☑ VOAh (40) ☐ VOAna$_2$ ☐ 100PJ ☐ 100PJna$_2$ ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☐ 250PBn ☑ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna$_2$ ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (_____) ☐ EnCores® (_____) ☐ TerraCores® (_____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO_3, na = NaOH, na$_2$ = $Na_2S_2O_3$, p = H_3PO_4, s = H_2SO_4, u = ultra-pure, x = Na_2SO_3+$NaHSO_4.H_2O$, znna = $Zn(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1017

Reviewed by: 681

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WORK ORDER NUMBER: 17-04- 0177

SAMPLE ANOMALY REPORT

DATE: 04 / 4 / 2017

SAMPLES, CONTAINERS, AND LABELS:

Comments

- ☐ Sample(s) NOT RECEIVED but listed on COC
- ☐ Sample(s) received but NOT LISTED on COC
- ☐ Holding time expired (list client or ECI sample ID and analysis)
- ☐ Insufficient sample amount for requested analysis (list analysis)
- ☐ Improper container(s) used (list analysis)
- ☐ Improper preservative used (list analysis)
- ☐ No preservative noted on COC or label (list analysis and notify lab)
- ☐ Sample container(s) not labeled
- ☐ Client sample label(s) illegible (list container type and analysis)
- ☑ Client sample label(s) do not match COC (comment)
  - ☐ Project information
  - ☑ Client sample ID
  - ☐ Sampling date and/or time
  - ☑ Number of container(s)
  - ☐ Requested analysis
- ☐ Sample container(s) compromised (comment)
  - ☐ Broken
  - ☐ Water present in sample container
- ☐ Air sample container(s) compromised (comment)
  - ☐ Flat
  - ☐ Very low in volume
  - ☐ Leaking (not transferred; duplicate bag submitted)
  - ☐ Leaking (transferred into ECI Tedlar™ bags*)
  - ☐ Leaking (transferred into client's Tedlar™ bags*)

Labeled as:
(-4) 3831Q-N-17Q2
(-5) 3830Q-N-17Q2
(-6) 3830S-N-17Q2
date and time matched.
(-8) Received 2 vials instead of 3. 2x Vials w/ HCL

* Transferred at client's request.

MISCELLANEOUS: (Describe)

Comments

HEADSPACE:

(Containers with bubble > 6 mm or ¼ inch for volatile organic or dissolved gas analysis)

ECI Sample ID	ECI Container ID	Total Number**	ECI Sample ID	ECI Container ID	Total Number**

(Containers with bubble for other analysis)

ECI Sample ID	ECI Container ID	Total Number**	Requested Analysis

Comments:

Reported by: 1017

Reviewed by: 681

** Record the total number of containers (i.e., vials or bottles) for the affected sample.

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Erick Ovalle

From: Calder, Vanessa <Vanessa.Calder@tetratech.com>
Sent: Thursday, April 06, 2017 5:22 PM
To: Erick Ovalle
Subject: Re: 04/04/2017 COC

Hi Erick,

In regards to lines 4,5 and 6 of the COC dated 04/04/2017. Please use the sample id's found on the bottles sample labels. The id's listed on the COC are incomplete.

For example, line 4 lists sample as 3831Q. This should be 3831Q-N-17Q2. The following lines 5 and 6 should be labeled following the same pattern.

Thank you for catching my mistake, apologies for the inconvenience.

Thank you,
Vanessa

Notify us here to report this email as spam.

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WORK ORDER NUMBER: 17-04-0067

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Tetra Tech, Inc.

Client Project Name: LMC BOU

Attention: Robert Sabater
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Approved for release on 04/19/2017 by:
Vikas Patel
Project Manager

ResultLink

Email your PM

Eurofins Calscience, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

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Work Order Number: 17-04-0067

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Work Order Narrative

Work Order: 17-04-0067 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 04/03/17. They were assigned to Work Order 17-04-0067.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0067
Project Name: LMC BOU
Received: 04/03/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
3872M-N-17Q2 (17-04-0067-1)						
Chromium, Hexavalent	4.4		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00487		0.00100	mg/L	EPA 6020	EPA 3020A Total
Acetone	4.7	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	3.9		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	2.0		0.50	ug/L	EPA 8260B	EPA 5030C
3872L-N-17Q2 (17-04-0067-2)						
Chromium, Hexavalent	4.4		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00590		0.00100	mg/L	EPA 6020	EPA 3020A Total
Chloroform	0.59		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.23	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	300		10	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	240		10	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.095		0.0050	ug/L	EPA 8260B SIM	EPA 5030C
3872N-N-17Q2 (17-04-0067-3)						
Chromium, Hexavalent	6.7		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00788		0.00100	mg/L	EPA 6020	EPA 3020A Total
Acetone	9.3	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.70		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	310		10	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	120		10	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.31		0.025	ug/L	EPA 8260B SIM	EPA 5030C
3852N-N-17Q2 (17-04-0067-4)						
Chromium, Hexavalent	2.5		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00322		0.00100	mg/L	EPA 6020	EPA 3020A Total
Acetone	7.4	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	3.8		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	2.6		0.50	ug/L	EPA 8260B	EPA 5030C

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* MDL is shown

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Detections Summary

Client: Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Work Order: 17-04-0067
Project Name: LMC BOU
Received: 04/03/17

Attn: Robert Sabater

Client SampleID / Analyte	Result	Qualifiers	RL	Units	Method	Extraction
3852M-N-17Q2 (17-04-0067-5)						
Chromium, Hexavalent	0.63		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00153		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloroethane	0.25	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	0.69		0.50	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	1.0		0.50	ug/L	EPA 8260B	EPA 5030C
Acetone	5.4	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	1.2		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	1.5		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	8.8		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	12		0.50	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.21		0.025	ug/L	EPA 8260B SIM	EPA 5030C
3852M-FD-17Q2 (17-04-0067-6)						
Chromium, Hexavalent	0.60		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00333		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1,2-Trichloroethane	0.26	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,1-Dichloroethene	0.70		0.50	ug/L	EPA 8260B	EPA 5030C
1,2-Dichloroethane	1.0		0.50	ug/L	EPA 8260B	EPA 5030C
Acetone	9.2	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	1.2		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	1.5		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	8.6		0.50	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	12		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.22	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.20		0.025	ug/L	EPA 8260B SIM	EPA 5030C
3851M-N-17Q2 (17-04-0067-7)						
Chromium, Hexavalent	1.9		0.020	ug/L	EPA 218.6	N/A
Chromium	0.00303		0.00100	mg/L	EPA 6020	EPA 3020A Total
1,1-Dichloroethene	0.57		0.50	ug/L	EPA 8260B	EPA 5030C
Acetone	9.2	J	4.0*	ug/L	EPA 8260B	EPA 5030C
Carbon Tetrachloride	0.53		0.50	ug/L	EPA 8260B	EPA 5030C
Chloroform	0.62		0.50	ug/L	EPA 8260B	EPA 5030C
Tetrachloroethene	2.2		0.50	ug/L	EPA 8260B	EPA 5030C
Toluene	0.35	J	0.20*	ug/L	EPA 8260B	EPA 5030C
Trichloroethene	12		0.50	ug/L	EPA 8260B	EPA 5030C
c-1,2-Dichloroethene	0.24	J	0.20*	ug/L	EPA 8260B	EPA 5030C
1,2,3-Trichloropropane	0.057		0.0050	ug/L	EPA 8260B SIM	EPA 5030C
LTB-20170403 (17-04-0067-8)						
Acetone	11		10	ug/L	EPA 8260B	EPA 5030C

* MDL is shown

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Detections Summary

Client:	Tetra Tech, Inc.	Work Order:	17-04-0067
	301 E. Vanderbilt Way, Suite 450	Project Name:	LMC BOU
	San Bernardino, CA 92408-3562	Received:	04/03/17
Attn:	Robert Sabater		Page 3 of 3

Client SampleID

Analyte	Result	Qualifiers	RL	Units	Method	Extraction

Subcontracted analyses, if any, are not included in this summary.

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* MDL is shown

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872M-N-17Q2	**17-04-0067-1-K**	**04/03/17 15:32**	**Aqueous**	**IC 16**	**N/A**	**04/03/17 21:20**	**170403L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	4.4	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872L-N-17Q2	**17-04-0067-2-K**	**04/03/17 13:48**	**Aqueous**	**IC 16**	**N/A**	**04/03/17 21:31**	**170403L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	4.4	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872N-N-17Q2	**17-04-0067-3-K**	**04/03/17 11:51**	**Aqueous**	**IC 16**	**N/A**	**04/03/17 21:43**	**170403L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	6.7	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852N-N-17Q2	**17-04-0067-4-K**	**04/03/17 11:58**	**Aqueous**	**IC 16**	**N/A**	**04/03/17 21:54**	**170403L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	2.5	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852M-N-17Q2	**17-04-0067-5-K**	**04/03/17 13:29**	**Aqueous**	**IC 16**	**N/A**	**04/03/17 22:05**	**170403L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.63	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852M-FD-17Q2	**17-04-0067-6-K**	**04/03/17 13:29**	**Aqueous**	**IC 16**	**N/A**	**04/03/17 22:16**	**170403L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	0.60	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: N/A
Method: EPA 218.6
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3851M-N-17Q2	**17-04-0067-7-K**	**04/03/17 15:29**	**Aqueous**	**IC 16**	**N/A**	**04/03/17 22:28**	**170403L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	1.9	0.020	0.0099	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-14-567-229**	**N/A**	**Aqueous**	**IC 16**	**N/A**	**04/03/17 15:43**	**170403L01**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium, Hexavalent	ND	0.020	0.0099	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872M-N-17Q2	**17-04-0067-1-L**	**04/03/17 15:32**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/14/17 23:55**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00487	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872L-N-17Q2	**17-04-0067-2-L**	**04/03/17 13:48**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 00:10**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00590	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872N-N-17Q2	**17-04-0067-3-L**	**04/03/17 11:51**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 00:14**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00788	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852N-N-17Q2	**17-04-0067-4-L**	**04/03/17 11:58**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 00:18**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00322	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852M-N-17Q2	**17-04-0067-5-L**	**04/03/17 13:29**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 00:21**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00153	0.00100	0.000402	1.00	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852M-FD-17Q2	**17-04-0067-6-L**	**04/03/17 13:29**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 00:25**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00333	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 3020A Total
Method: EPA 6020
Units: mg/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3851M-N-17Q2	**17-04-0067-7-L**	**04/03/17 15:29**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/15/17 00:29**	**170413LA3**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	0.00303	0.00100	0.000402	1.00	

Method Blank	096-06-003-5524	N/A	Aqueous	ICP/MS 05	04/13/17	04/14/17 21:31	170413LA3

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Chromium	ND	0.00100	0.000402	1.00	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872M-N-17Q2	**17-04-0067-1-M**	**04/03/17 15:32**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 07:50**	**170406L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	86	56-123	
1,4-Dioxane-d8(IDS-IS)	42	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872L-N-17Q2	**17-04-0067-2-M**	**04/03/17 13:48**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 08:06**	**170406L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	90	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872N-N-17Q2	**17-04-0067-3-M**	**04/03/17 11:51**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 08:22**	**170406L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	90	56-123	
1,4-Dioxane-d8(IDS-IS)	44	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852N-N-17Q2	**17-04-0067-4-M**	**04/03/17 11:58**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 08:38**	**170406L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	88	56-123	
1,4-Dioxane-d8(IDS-IS)	43	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852M-N-17Q2	**17-04-0067-5-M**	**04/03/17 13:29**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 08:54**	**170406L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	89	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852M-FD-17Q2	**17-04-0067-6-M**	**04/03/17 13:29**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 09:10**	**170406L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	89	56-123	
1,4-Dioxane-d8(IDS-IS)	40	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3851M-N-17Q2	**17-04-0067-7-M**	**04/03/17 15:29**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 09:26**	**170406L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	88	56-123	
1,4-Dioxane-d8(IDS-IS)	37	30-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-16-216-996**	**N/A**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 06:15**	**170406L12**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,4-Dioxane	ND	1.0	0.28	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
Nitrobenzene-d5	105	56-123	
1,4-Dioxane-d8(IDS-IS)	44	30-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872M-N-17Q2	**17-04-0067-1-A**	**04/03/17 15:32**	**Aqueous**	**GC/MS L**	**04/04/17**	**04/05/17 03:50**	**170404L041**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	4.7	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0067
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 2 of 30

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	3.9	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	2.0	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	85	68-120	
Dibromofluoromethane	116	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0067
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 3 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	118	80-128	
Toluene-d8	95	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872L-N-17Q2	**17-04-0067-2-A**	**04/03/17 13:48**	**Aqueous**	**GC/MS L**	**04/04/17**	**04/05/17 04:21**	**170404L041**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0067
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 5 of 30

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.59	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.23	0.50	0.20	1.00	J
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	84	68-120	
Dibromofluoromethane	118	80-127	
1,2-Dichloroethane-d4	115	80-128	
Toluene-d8	108	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872L-N-17Q2	**17-04-0067-2-B**	**04/03/17 13:48**	**Aqueous**	**GC/MS L**	**04/06/17**	**04/06/17 14:04**	**170406L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Tetrachloroethene	300	10	4.0	20.0	
Trichloroethene	240	10	5.7	20.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	83	68-120	
Dibromofluoromethane	120	80-127	
1,2-Dichloroethane-d4	114	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872N-N-17Q2	**17-04-0067-3-A**	**04/03/17 11:51**	**Aqueous**	**GC/MS L**	**04/04/17**	**04/05/17 04:52**	**170404L041**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	9.3	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0067
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 8 of 30

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.70	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	83	68-120	
Dibromofluoromethane	119	80-127	
1,2-Dichloroethane-d4	116	80-128	
Toluene-d8	106	80-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872N-N-17Q2	**17-04-0067-3-B**	**04/03/17 11:51**	**Aqueous**	**GC/MS L**	**04/06/17**	**04/06/17 14:35**	**170406L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Tetrachloroethene	310	10	4.0	20.0	
Trichloroethene	120	10	5.7	20.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	85	68-120	
Dibromofluoromethane	120	80-127	
1,2-Dichloroethane-d4	117	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 10 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852N-N-17Q2	**17-04-0067-4-A**	**04/03/17 11:58**	**Aqueous**	**GC/MS L**	**04/04/17**	**04/05/17 05:22**	**170404L041**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	7.4	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	3.8	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	2.6	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	84	68-120	
Dibromofluoromethane	118	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0067
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 12 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	117	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852M-N-17Q2	**17-04-0067-5-B**	**04/03/17 13:29**	**Aqueous**	**GC/MS L**	**04/06/17**	**04/06/17 16:07**	**170406L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	0.25	0.50	0.20	1.00	J
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.69	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	1.0	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	5.4	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	1.2	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	1.5	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	8.8	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	12	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	84	68-120	
Dibromofluoromethane	117	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0067
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 15 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	116	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 16 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852M-FD-17Q2	**17-04-0067-6-A**	**04/03/17 13:29**	**Aqueous**	**GC/MS L**	**04/04/17**	**04/05/17 06:24**	**170404L041**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	0.26	0.50	0.20	1.00	J
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.70	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	1.0	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	9.2	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	1.2	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	1.5	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	8.6	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	12	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.22	0.50	0.20	1.00	J
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	85	68-120	
Dibromofluoromethane	120	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0067
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 18 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	122	80-128	
Toluene-d8	92	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 19 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3851M-N-17Q2	**17-04-0067-7-A**	**04/03/17 15:29**	**Aqueous**	**GC/MS L**	**04/04/17**	**04/05/17 06:54**	**170404L041**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	0.57	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	9.2	10	4.0	1.00	J
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	0.53	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	0.62	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	2.2	0.50	0.20	1.00	
Toluene	0.35	0.50	0.20	1.00	J
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	12	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	0.24	0.50	0.20	1.00	J
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	84	68-120	
Dibromofluoromethane	116	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0067
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 21 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	115	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170403	**17-04-0067-8-A**	**04/03/17 08:00**	**Aqueous**	**GC/MS L**	**04/04/17**	**04/05/17 03:20**	**170404L041**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	11	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 23 of 30

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	84	68-120	
Dibromofluoromethane	113	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0067
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 24 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	116	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: LMC BOU			Page 25 of 30

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4606**	**N/A**	**Aqueous**	**GC/MS L**	**04/04/17**	**04/04/17 22:44**	**170404L041**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
Naphthalene	ND	1.0	0.40	1.00	
Styrene	ND	0.50	0.20	1.00	
Tetrachloroethene	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
Iodomethane	ND	10	5.0	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	84	68-120	
Dibromofluoromethane	107	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0067
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 27 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	113	80-128	
Toluene-d8	98	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-10-025-4608**	**N/A**	**Aqueous**	**GC/MS L**	**04/06/17**	**04/06/17 09:56**	**170406L008**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
Tetrachloroethene	ND	0.50	0.20	1.00	
Trichloroethene	ND	0.50	0.29	1.00	
Acetone	ND	10	4.0	1.00	
Benzene	ND	0.50	0.20	1.00	
Bromobenzene	ND	0.50	0.32	1.00	
Bromochloromethane	ND	1.0	0.40	1.00	
Bromodichloromethane	ND	0.50	0.20	1.00	
Bromoform	ND	0.50	0.25	1.00	
Bromomethane	ND	1.0	0.40	1.00	
2-Butanone	ND	5.0	2.0	1.00	
n-Butylbenzene	ND	0.50	0.20	1.00	
sec-Butylbenzene	ND	0.50	0.20	1.00	
tert-Butylbenzene	ND	0.50	0.20	1.00	
Carbon Disulfide	ND	1.0	0.40	1.00	
Carbon Tetrachloride	ND	0.50	0.20	1.00	
Chlorobenzene	ND	0.50	0.20	1.00	
Chloroethane	ND	0.50	0.32	1.00	
2-Chloroethyl Vinyl Ether	ND	5.0	4.2	1.00	
Chloroform	ND	0.50	0.20	1.00	
Chloromethane	ND	0.50	0.29	1.00	
2-Chlorotoluene	ND	0.50	0.20	1.00	
4-Chlorotoluene	ND	0.50	0.36	1.00	
Dibromochloromethane	ND	0.50	0.20	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	2.0	1.00	
1,2-Dibromoethane	ND	0.50	0.20	1.00	
Dibromomethane	ND	0.50	0.20	1.00	
1,2-Dichlorobenzene	ND	0.50	0.20	1.00	
1,3-Dichlorobenzene	ND	0.50	0.28	1.00	
1,4-Dichlorobenzene	ND	0.50	0.20	1.00	
Dichlorodifluoromethane	ND	1.0	0.40	1.00	
1,1-Dichloroethane	ND	0.50	0.20	1.00	
1,2-Dichloroethane	ND	0.50	0.20	1.00	
1,1-Dichloroethene	ND	0.50	0.28	1.00	
c-1,2-Dichloroethene	ND	0.50	0.20	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: LMC BOU

Parameter	Result	RL	MDL	DF	Qualifiers
t-1,2-Dichloroethene	ND	0.50	0.20	1.00	
1,2-Dichloropropane	ND	0.50	0.20	1.00	
1,3-Dichloropropane	ND	1.0	0.40	1.00	
2,2-Dichloropropane	ND	1.0	0.40	1.00	
1,1-Dichloropropene	ND	0.50	0.30	1.00	
c-1,3-Dichloropropene	ND	0.50	0.20	1.00	
t-1,3-Dichloropropene	ND	0.50	0.20	1.00	
Ethylbenzene	ND	0.50	0.20	1.00	
2-Hexanone	ND	10	4.0	1.00	
Isopropylbenzene	ND	0.50	0.20	1.00	
p-Isopropyltoluene	ND	0.50	0.20	1.00	
Methylene Chloride	ND	1.0	0.80	1.00	
4-Methyl-2-Pentanone	ND	5.0	2.0	1.00	
Naphthalene	ND	1.0	0.40	1.00	
n-Propylbenzene	ND	0.50	0.20	1.00	
Styrene	ND	0.50	0.20	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	0.20	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	0.20	1.00	
Toluene	ND	0.50	0.20	1.00	
1,2,3-Trichlorobenzene	ND	0.50	0.20	1.00	
1,2,4-Trichlorobenzene	ND	0.50	0.20	1.00	
1,1,1-Trichloroethane	ND	0.50	0.20	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	0.80	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	0.24	1.00	
1,1,2-Trichloroethane	ND	0.50	0.20	1.00	
Iodomethane	ND	10	5.0	1.00	
Trichlorofluoromethane	ND	0.50	0.20	1.00	
1,2,3-Trichloropropane	ND	1.0	0.40	1.00	
1,2,4-Trimethylbenzene	ND	0.50	0.20	1.00	
1,3,5-Trimethylbenzene	ND	0.50	0.20	1.00	
Vinyl Acetate	ND	5.0	2.0	1.00	
Vinyl Chloride	ND	0.50	0.20	1.00	
p/m-Xylene	ND	0.50	0.20	1.00	
o-Xylene	ND	0.50	0.32	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	0.20	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	86	68-120	
Dibromofluoromethane	106	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.	Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450	Work Order:	17-04-0067
San Bernardino, CA 92408-3562	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: LMC BOU		Page 30 of 30

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	97	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872M-N-17Q2	**17-04-0067-1-F**	**04/03/17 15:32**	**Aqueous**	**GC/MS M**	**04/04/17**	**04/04/17 16:51**	**170404L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	101	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872L-N-17Q2	**17-04-0067-2-F**	**04/03/17 13:48**	**Aqueous**	**GC/MS M**	**04/04/17**	**04/04/17 19:51**	**170404L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.095	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	98	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3872N-N-17Q2	**17-04-0067-3-H**	**04/03/17 11:51**	**Aqueous**	**GC/MS M**	**04/06/17**	**04/06/17 15:52**	**170406L019**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.31	0.025	0.012	5.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	107	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852N-N-17Q2	**17-04-0067-4-G**	**04/03/17 11:58**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 12:11**	**170408L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	109	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
		Units:	ug/L
Project: LMC BOU			Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852M-N-17Q2	**17-04-0067-5-F**	**04/03/17 13:29**	**Aqueous**	**GC/MS M**	**04/06/17**	**04/06/17 16:52**	**170406L019**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.21	0.025	0.012	5.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	92	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3852M-FD-17Q2	**17-04-0067-6-F**	**04/03/17 13:29**	**Aqueous**	**GC/MS M**	**04/06/17**	**04/06/17 17:22**	**170406L019**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.20	0.025	0.012	5.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	108	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
3851M-N-17Q2	**17-04-0067-7-F**	**04/03/17 15:29**	**Aqueous**	**GC/MS M**	**04/06/17**	**04/06/17 17:52**	**170406L019**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	0.057	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	97	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
LTB-20170403	**17-04-0067-8-B**	**04/03/17 08:00**	**Aqueous**	**GC/MS M**	**04/06/17**	**04/06/17 14:52**	**170406L019**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	109	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B SIM
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-473**	**N/A**	**Aqueous**	**GC/MS M**	**04/04/17**	**04/04/17 16:21**	**170404L035**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	104	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-474**	**N/A**	**Aqueous**	**GC/MS M**	**04/06/17**	**04/06/17 11:53**	**170406L019**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	104	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-118-476**	**N/A**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 11:41**	**170408L018**

Comment(s): - Results were evaluated to the MDL (DL), concentrations >= to the MDL (DL) but < RL (LOQ), if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qualifiers
1,2,3-Trichloropropane	ND	0.0050	0.0025	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Dichlorobutane	90	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: N/A
Method: EPA 218.6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
3872M-N-17Q2	**Sample**	**Aqueous**	**IC 16**	**N/A**	**04/03/17 21:20**	**170403S01**
3872M-N-17Q2	**Matrix Spike**	**Aqueous**	**IC 16**	**N/A**	**04/03/17 22:39**	**170403S01**
3872M-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**IC 16**	**N/A**	**04/03/17 22:50**	**170403S01**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium, Hexavalent	4.357	10.00	15.00	106	15.18	108	85-121	1	0-25	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0732-1	**Sample**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/14/17 22:12**	**170413SA3**
17-04-0732-1	**Matrix Spike**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/14/17 21:57**	**170413SA3**
17-04-0732-1	**Matrix Spike Duplicate**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/14/17 22:01**	**170413SA3**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Chromium	0.01372	0.1000	0.1169	103	0.1110	97	73-133	5	0-11	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 3510C
Method: EPA 8270C (M) Isotope Dilution

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0251-4	**Sample**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 07:34**	**170406S12**
17-04-0251-4	**Matrix Spike**	**Aqueous**	**GC/MS DDD**	**04/05/17**	**04/07/17 19:40**	**170406S12**
17-04-0251-4	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS DDD**	**04/05/17**	**04/07/17 19:56**	**170406S12**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	ND	20.00	20.51	103	20.90	105	50-130	2	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-03-2297-3	**Sample**	**Aqueous**	**GC/MS L**	**04/04/17**	**04/04/17 23:45**	**170404S020**
17-03-2297-3	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/04/17**	**04/05/17 01:48**	**170404S020**
17-03-2297-3	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/04/17**	**04/05/17 02:18**	**170404S020**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,1-Dichloroethene	4.909	10.00	16.15	112	13.86	90	66-126	15	0-20	
1,2-Dibromoethane	ND	10.00	9.642	96	9.099	91	75-126	6	0-20	
1,2-Dichlorobenzene	ND	10.00	8.946	89	8.386	84	75-125	6	0-20	
1,2-Dichloroethane	ND	10.00	9.170	92	8.735	87	75-127	5	0-20	
Benzene	ND	10.00	9.271	93	8.687	87	75-125	7	0-20	
Carbon Tetrachloride	ND	10.00	9.667	97	8.928	89	69-135	8	0-20	
Chlorobenzene	ND	10.00	9.194	92	8.416	84	75-125	9	0-20	
Ethylbenzene	ND	10.00	8.998	90	8.037	80	75-125	11	0-20	
Toluene	ND	10.00	9.409	94	7.952	80	75-125	17	0-20	
Trichloroethene	28.08	10.00	31.75	37	29.72	16	75-125	7	0-20	3
Vinyl Chloride	ND	10.00	12.20	122	11.63	116	52-142	5	0-20	
o-Xylene	ND	10.00	9.019	90	8.121	81	75-127	10	0-20	
p/m-Xylene	ND	20.00	18.21	91	16.26	81	75-125	11	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	11.56	116	10.16	102	71-131	13	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 5 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0251-4	**Sample**	**Aqueous**	**GC/MS L**	**04/06/17**	**04/06/17 11:00**	**170406S007**
17-04-0251-4	**Matrix Spike**	**Aqueous**	**GC/MS L**	**04/06/17**	**04/06/17 12:32**	**170406S007**
17-04-0251-4	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**04/06/17**	**04/06/17 13:03**	**170406S007**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Trichloroethene	ND	10.00	8.965	90	7.920	79	75-125	12	0-20	
Benzene	ND	10.00	9.313	93	8.052	81	75-125	15	0-20	
Carbon Tetrachloride	ND	10.00	10.86	109	9.504	95	69-135	13	0-20	
Chlorobenzene	ND	10.00	9.535	95	8.685	87	75-125	9	0-20	
1,2-Dibromoethane	ND	10.00	9.689	97	9.005	90	75-126	7	0-20	
1,2-Dichlorobenzene	ND	10.00	9.310	93	8.592	86	75-125	8	0-20	
1,2-Dichloroethane	ND	10.00	9.091	91	8.216	82	75-127	10	0-20	
1,1-Dichloroethene	ND	10.00	10.03	100	9.973	100	66-126	1	0-20	
Ethylbenzene	ND	10.00	9.461	95	8.348	83	75-125	12	0-20	
Toluene	ND	10.00	9.275	93	8.418	84	75-125	10	0-20	
Vinyl Chloride	ND	10.00	9.435	94	10.28	103	52-142	9	0-20	
p/m-Xylene	ND	20.00	19.25	96	17.08	85	75-125	12	0-20	
o-Xylene	ND	10.00	9.707	97	8.675	87	75-127	11	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	10.57	106	11.08	111	71-131	5	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 6 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
3872M-N-17Q2	**Sample**	**Aqueous**	**GC/MS M**	**04/04/17**	**04/04/17 16:51**	**170404S018**
3872M-N-17Q2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/04/17**	**04/04/17 17:21**	**170404S018**
3872M-N-17Q2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/04/17**	**04/04/17 17:51**	**170404S018**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.02300	115	0.02110	106	80-120	9	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 7 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0068-2	**Sample**	**Aqueous**	**GC/MS M**	**04/06/17**	**04/06/17 12:23**	**170406S008**
17-04-0068-2	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/06/17**	**04/06/17 13:23**	**170406S008**
17-04-0068-2	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/06/17**	**04/06/17 13:53**	**170406S008**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.02360	118	0.02040	102	80-120	15	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 8 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-04-0186-1	**Sample**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 13:40**	**170408S010**
17-04-0186-1	**Matrix Spike**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 15:40**	**170408S010**
17-04-0186-1	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 16:10**	**170408S010**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	ND	0.02000	0.02770	138	0.03130	156	70-130	12	0-20	3

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - PDS

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 1 of 1

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	PDS/PDSD Batch Number
17-04-0732-1	**Sample**	**Aqueous**	**ICP/MS 05**	**04/13/17 00:00**	**04/14/17 22:12**	**170413SA3**
17-04-0732-1	**PDS**	**Aqueous**	**ICP/MS 05**	**04/13/17 00:00**	**04/14/17 22:05**	**170413SA3**

Parameter	Sample Conc.	Spike Added	PDS Conc.	PDS %Rec.	%Rec. CL	Qualifiers
Chromium	0.01372	0.1000	0.1189	105	75-125	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	N/A
		Method:	EPA 218.6
Project: LMC BOU			Page 1 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-14-567-229	**LCS**	**Aqueous**	**IC 16**	**N/A**	**04/03/17 15:54**	**170403L01**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium, Hexavalent	10.00	10.13	101	95-107	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 3020A Total
		Method:	EPA 6020
Project: LMC BOU			Page 2 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
096-06-003-5524	**LCS**	**Aqueous**	**ICP/MS 05**	**04/13/17**	**04/14/17 21:35**	**170413LA3**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
Chromium	0.1000	0.1005	101	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 3510C
		Method:	EPA 8270C (M) Isotope Dilution
Project: LMC BOU			Page 3 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-216-996	**LCS**	**Aqueous**	**GC/MS DDD**	**04/06/17**	**04/07/17 06:31**	**170406L12**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,4-Dioxane	20.00	18.58	93	50-130	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 4 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4606	**LCS**	**Aqueous**	**GC/MS L**	**04/04/17**	**04/04/17 22:13**	**170404L041**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
1,1-Dichloroethene	10.00	10.66	107	77-120	70-127	
1,2-Dibromoethane	10.00	10.30	103	80-120	73-127	
1,2-Dichlorobenzene	10.00	9.843	98	80-120	73-127	
1,2-Dichloroethane	10.00	9.825	98	80-122	73-129	
Benzene	10.00	9.825	98	80-120	73-127	
Carbon Tetrachloride	10.00	9.782	98	80-129	72-137	
Chlorobenzene	10.00	9.859	99	80-120	73-127	
Ethylbenzene	10.00	9.749	97	80-120	73-127	
Toluene	10.00	9.882	99	80-120	73-127	
Trichloroethene	10.00	9.307	93	80-120	73-127	
Vinyl Chloride	10.00	9.366	94	63-135	51-147	
o-Xylene	10.00	10.05	100	80-120	73-127	
p/m-Xylene	20.00	19.69	98	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	10.98	110	75-123	67-131	

Total number of LCS compounds: 14
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: LMC BOU			Page 5 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-10-025-4608	**LCS**	**Aqueous**	**GC/MS L**	**04/06/17**	**04/06/17 09:15**	**170406L008**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Trichloroethene	10.00	9.166	92	80-120	73-127	
Benzene	10.00	9.410	94	80-120	73-127	
Carbon Tetrachloride	10.00	9.768	98	80-129	72-137	
Chlorobenzene	10.00	9.737	97	80-120	73-127	
1,2-Dibromoethane	10.00	9.889	99	80-120	73-127	
1,2-Dichlorobenzene	10.00	9.457	95	80-120	73-127	
1,2-Dichloroethane	10.00	9.311	93	80-122	73-129	
1,1-Dichloroethene	10.00	10.56	106	77-120	70-127	
Ethylbenzene	10.00	9.373	94	80-120	73-127	
Toluene	10.00	9.597	96	80-120	73-127	
Vinyl Chloride	10.00	9.549	95	63-135	51-147	
p/m-Xylene	20.00	18.96	95	80-120	73-127	
o-Xylene	10.00	9.693	97	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	12.67	127	75-123	67-131	ME

Total number of LCS compounds: 14
Total number of ME compounds: 1
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B SIM
Page 6 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-118-473	**LCS**	**Aqueous**	**GC/MS M**	**04/04/17**	**04/04/17 14:52**	**170404L035**
099-15-118-473	**LCSD**	**Aqueous**	**GC/MS M**	**04/04/17**	**04/04/17 15:22**	**170404L035**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02350	118	0.02270	114	80-120	3	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Tetra Tech, Inc.
301 E. Vanderbilt Way, Suite 450
San Bernardino, CA 92408-3562

Project: LMC BOU

Date Received: 04/03/17
Work Order: 17-04-0067
Preparation: EPA 5030C
Method: EPA 8260B SIM
Page 7 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-118-474	**LCS**	**Aqueous**	**GC/MS M**	**04/06/17**	**04/06/17 10:23**	**170406L019**
099-15-118-474	**LCSD**	**Aqueous**	**GC/MS M**	**04/06/17**	**04/06/17 10:53**	**170406L019**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02030	102	0.02330	116	80-120	14	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Tetra Tech, Inc.		Date Received:	04/03/17
301 E. Vanderbilt Way, Suite 450		Work Order:	17-04-0067
San Bernardino, CA 92408-3562		Preparation:	EPA 5030C
		Method:	EPA 8260B SIM
Project: LMC BOU			Page 8 of 8

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-118-476	**LCS**	**Aqueous**	**GC/MS M**	**04/08/17**	**04/08/17 10:42**	**170408L018**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
1,2,3-Trichloropropane	0.02000	0.02380	119	80-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-04-0067 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 218.6	N/A	1065	IC 16	1
EPA 6020	EPA 3020A Total	598	ICP/MS 05	1
EPA 8260B	EPA 5030C	316	GC/MS L	2
EPA 8260B SIM	EPA 5030C	486	GC/MS M	2
EPA 8270C (M) Isotope Dilution	EPA 3510C	907	GC/MS DDD	1

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Glossary of Terms and Qualifiers

Work Order: 17-04-0067 Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us28_sales@eurofinsus.com or call us.

CHAIN-OF-CUSTODY RECORD

Date 4-3-2017
Page 1 of 1

WO NO. / LAB USE ONLY: **17-04-0067**

LABORATORY CLIENT: Tetra Tech INC
ADDRESS: 301E Vanderbilt Way Suite 450
CITY: San Bernardino STATE: CA ZIP: 92408
TEL: E-MAIL:

CLIENT PROJECT NAME / NO.: LMC BOU
PROJECT CONTACT: Robert SaBAtER
GLOBAL ID: LOG CODE:
P.O. NO.:
LAB CONTACT OR QUOTE NO.:
SAMPLER(S): PRINT: Jason Cook, Jamie Cuber

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD'):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO	TPH ☐ C8-C36 ☐ C6-C44	TPH	BTEX / MTBE ☐ 8260 ☐ ___	VOCs (8260)	Oxygenates (8260)	Prep (3630) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/7470 ☐ 6020/7471	Cr(VI) ☐ 7196 ☐ 218.6	1:4 Digest	ICP/MS Metals	1,2,3 TCP
1	3877M-N-1702	4-3-17	1532	W	13	✓	✓							5								1	1	1	5
2	3872L-N-1702		1348		13	✓	✓							5								1	1	1	5
3	3872N-N-1702		1151		13	✓	✓							5								1	1	1	5
4	3852N-N-1702		1158		13	✓	✓							5								1	1	1	5
5	[redacted] 3850M-N-1702		1329		13	✓	✓							5								1	1	1	5
6	3859M-FD-1702		1329		13	✓	✓							5								1	1	1	5
7	3861M-N-1702		1529		13	✓	✓							5								1	1	1	5
8	FB-20170103		0800		2		✓							2											

Relinquished by: (Signature) Jason Cook	Received by: (Signature/Affiliation)	Date: 4-3-17	Time: 1620
Relinquished by: (Signature)	Received by: (Signature/Affiliation) ECI	Date: 4/3/17	Time: 1810
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2016-04-01-Revision

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WORK ORDER NUMBER: 17-04- 0067

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 1

CLIENT: Tetra Tech

DATE: 04 / 3 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC3B (CF: 0.0°C); Temperature (w/o CF): 1.8 °C (w/ CF): 1.8 °C; ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____)

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter

Checked by: 1091

CUSTODY SEAL:

Cooler	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: 1091
Sample(s)	☐ Present and Intact	☐ Present but Not Intact	☑ Not Present	☐ N/A	Checked by: 681

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☑ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (10) (Trip Blank Lot Number: 170828A)

Aqueous: ☐ VOA ☑ VOAh ☐ VOAna$_2$ ☐ 100PJ ☐ 100PJna$_2$ ☐ 125AGB ☐ 125AGBh ☐ 125AGBp ☐ 125PB

☐ 125PBznna ☐ 250AGB ☐ 250CGB ☐ 250CGBs ☑ 250PB ☑ 250PBn ☑ 500AGB ☐ 500AGJ ☐ 500AGJs

☐ 500PB ☐ 1AGB ☐ 1AGBna$_2$ ☐ 1AGBs ☐ 1PB ☐ 1PBna ☐ _____ ☐ _____ ☐ _____ ☐ _____

Solid: ☐ 4ozCGJ ☐ 8ozCGJ ☐ 16ozCGJ ☐ Sleeve (____) ☐ EnCores® (____) ☐ TerraCores® (____) ☐ _____

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO_3, na = NaOH, na$_2$ = $Na_2S_2O_3$, p = H_3PO_4, s = H_2SO_4, u = ultra-pure, x = Na_2SO_3+$NaHSO_3$.H_2O, znna = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 681

Reviewed by: [illegible]

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Vikas Patel

From: Sabater, Robert <Robert.Sabater@tetratech.com>
Sent: Tuesday, April 04, 2017 11:37 AM
To: Vikas Patel
Cc: Erick Ovalle; Calder, Vanessa
Subject: Re: Sample receipt confirmation / 17-04-0067 / LMC BOU

Vik,

Yes. 1,2,3-TCP.

Robert

Sent from my iPhone

On Apr 4, 2017, at 11:21 AM, Vikas Patel <VikasPatel@eurofinsUS.com> wrote:

> Hey Robert – I am assuming you meant 1,2,3-TCP. We will analyze sample for VOCs first. If we have enough sample remaining we will analyze sample for 1,2,3-TCP by 8260 SIM.
>
> For future submittals, can you submit 3 vials for the trip blank sample?
>
> Vik Patel
> Eurofins Calscience, Inc.
> Phone: +1 714 895 5494

> **From:** Sabater, Robert [mailto:Robert.Sabater@tetratech.com]
> **Sent:** Tuesday, April 04, 2017 10:45 AM
> **To:** Erick Ovalle
> **Cc:** Vikas Patel
> **Subject:** Re: Sample receipt confirmation / 17-04-0067 / LMC BOU
>
> Erick,
>
> It looks good to me. I do have one question, is there enough sample in the VOC trip blank to run for 2,3,2-TCP also?
>
> Robert
>
> Sent from my iPhone
>
> On Apr 4, 2017, at 9:49 AM, Erick Ovalle <ErickOvalle@eurofinsUS.com> wrote:
>
> > Sample receipt confirmation attached. **Please review and advise of any changes required.**
> >
> > Please call with any questions or concerns.
> >
> > Best Regards,
> > Erick Ovalle
> > Project Manager Assistant

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First American Commitment	ALTA Commitment for Title Insurance ISSUED BY **First American Title Insurance Company** File No: NCS-1009167-ONT1

COMMITMENT FOR TITLE INSURANCE

Issued By

FIRST AMERICAN TITLE INSURANCE COMPANY

NOTICE

IMPORTANT-READ CAREFULLY: THIS COMMITMENT IS AN OFFER TO ISSUE ONE OR MORE TITLE INSURANCE POLICIES. ALL CLAIMS OR REMEDIES SOUGHT AGAINST THE COMPANY INVOLVING THE CONTENT OF THIS COMMITMENT OR THE POLICY MUST BE BASED SOLELY IN CONTRACT.

THIS COMMITMENT IS NOT AN ABSTRACT OF TITLE, REPORT OF THE CONDITION OF TITLE, LEGAL OPINION, OPINION OF TITLE, OR OTHER REPRESENTATION OF THE STATUS OF TITLE. THE PROCEDURES USED BY THE COMPANY TO DETERMINE INSURABILITY OF THE TITLE, INCLUDING ANY SEARCH AND EXAMINATION, ARE PROPRIETARY TO THE COMPANY, WERE PERFORMED SOLELY FOR THE BENEFIT OF THE COMPANY, AND CREATE NO EXTRACONTRACTUAL LIABILITY TO ANY PERSON, INCLUDING A PROPOSED INSURED.

THE COMPANY'S OBLIGATION UNDER THIS COMMITMENT IS TO ISSUE A POLICY TO A PROPOSED INSURED IDENTIFIED IN SCHEDULE A IN ACCORDANCE WITH THE TERMS AND PROVISIONS OF THIS COMMITMENT. THE COMPANY HAS NO LIABILITY OR OBLIGATION INVOLVING THE CONTENT OF THIS COMMITMENT TO ANY OTHER PERSON.

COMMITMENT TO ISSUE POLICY

Subject to the Notice; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions; and the Commitment Conditions, ***First American Title Insurance Company***, a Nebraska Corporation (the "Company"), commits to issue the Policy according to the terms and provisions of this Commitment. This Commitment is effective as of the Commitment Date shown in Schedule A for each Policy described in Schedule A, only when the Company has entered in Schedule A both the specified dollar amount as the Proposed Policy Amount and the name of the Proposed Insured.

If all of the Schedule B, Part I-Requirements have not been met within six months after the Commitment Date, this Commitment terminates and the Company's liability and obligation end.

First American Title Insurance Company

Dennis J. Gilmore
President

Jeffrey S. Robinson
Secretary

If this jacket was created electronically, it constitutes an original document.

This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions.

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COMMITMENT CONDITIONS

1. DEFINITIONS

(a) "Knowledge" or "Known": Actual or imputed knowledge, but not constructive notice imparted by the Public Records.
(b) "Land": The land described in Schedule A and affixed improvements that by law constitute real property. The term "Land" does not include any property beyond the lines of the area described in Schedule A, nor any right, title, interest, estate, or easement in abutting streets, roads, avenues, alleys, lanes, ways, or waterways, but this does not modify or limit the extent that a right of access to and from the Land is to be insured by the Policy.
(c) "Mortgage": A mortgage, deed of trust, or other security instrument, including one evidenced by electronic means authorized by law.
(d) "Policy": Each contract of title insurance, in a form adopted by the American Land Title Association, issued or to be issued by the Company pursuant to this Commitment.
(e) "Proposed Insured": Each person identified in Schedule A as the Proposed Insured of each Policy to be issued pursuant to this Commitment.
(f) "Proposed Policy Amount": Each dollar amount specified in Schedule A as the Proposed Policy Amount of each Policy to be issued pursuant to this Commitment.
(g) "Public Records": Records established under state statutes at the Commitment Date for the purpose of imparting constructive notice of matters relating to real property to purchasers for value and without Knowledge.
(h) "Title": The estate or interest described in Schedule A.

2. If all of the Schedule B, Part I—Requirements have not been met within the time period specified in the Commitment to Issue Policy, this Commitment terminates and the Company's liability and obligation end.

3. The Company's liability and obligation is limited by and this Commitment is not valid without:
(a) the Notice;
(b) the Commitment to Issue Policy;
(c) the Commitment Conditions;
(d) Schedule A;
(e) Schedule B, Part I—Requirements; and
(f) Schedule B, Part II—Exceptions.

4. COMPANY'S RIGHT TO AMEND

The Company may amend this Commitment at any time. If the Company amends this Commitment to add a defect, lien, encumbrance, adverse claim, or other matter recorded in the Public Records prior to the Commitment Date, any liability of the Company is limited by Commitment Condition 5. The Company shall not be liable for any other amendment to this Commitment.

5. LIMITATIONS OF LIABILITY

(a) The Company's liability under Commitment Condition 4 is limited to the Proposed Insured's actual expense incurred in the interval between the Company's delivery to the Proposed Insured of the Commitment and the delivery of the amended Commitment, resulting from the Proposed Insured's good faith reliance to:
  (i) comply with the Schedule B, Part I—Requirements;
  (ii) eliminate, with the Company's written consent, any Schedule B, Part II—Exceptions; or
  (iii) acquire the Title or create the Mortgage covered by this Commitment.
(b) The Company shall not be liable under Commitment Condition 5(a) if the Proposed Insured requested the amendment or had Knowledge of the matter and did not notify the Company about it in writing.
(c) The Company will only have liability under Commitment Condition 4 if the Proposed Insured would not have incurred the expense had the Commitment included the added matter when the Commitment was first delivered to the Proposed Insured.
(d) The Company's liability shall not exceed the lesser of the Proposed Insured's actual expense incurred in good faith and described in Commitment Conditions 5(a)(i) through 5(a)(iii) or the Proposed Policy Amount.
(e) The Company shall not be liable for the content of the Transaction Identification Data, if any.
(f) In no event shall the Company be obligated to issue the Policy referred to in this Commitment unless all of the Schedule B, Part I—Requirements have been met to the satisfaction of the Company.
(g) In any event, the Company's liability is limited by the terms and provisions of the Policy.

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6. LIABILITY OF THE COMPANY MUST BE BASED ON THIS COMMITMENT

(a) Only a Proposed Insured identified in Schedule A, and no other person, may make a claim under this Commitment.
(b) Any claim must be based in contract and must be restricted solely to the terms and provisions of this Commitment.
(c) Until the Policy is issued, this Commitment, as last revised, is the exclusive and entire agreement between the parties with respect to the subject matter of this Commitment and supersedes all prior commitment negotiations, representations, and proposals of any kind, whether written or oral, express or implied, relating to the subject matter of this Commitment.
(d) The deletion or modification of any Schedule B, Part II—Exception does not constitute an agreement or obligation to provide coverage beyond the terms and provisions of this Commitment or the Policy.
(e) Any amendment or endorsement to this Commitment must be in writing and authenticated by a person authorized by the Company.
(f) When the Policy is issued, all liability and obligation under this Commitment will end and the Company's only liability will be under the Policy.

7. IF THIS COMMITMENT HAS BEEN ISSUED BY AN ISSUING AGENT

The issuing agent is the Company's agent only for the limited purpose of issuing title insurance commitments and policies. The issuing agent is not the Company's agent for the purpose of providing closing or settlement services.

8. PRO-FORMA POLICY

The Company may provide, at the request of a Proposed Insured, a pro-forma policy illustrating the coverage that the Company may provide. A pro-forma policy neither reflects the status of Title at the time that the pro-forma policy is delivered to a Proposed Insured, nor is it a commitment to insure.

9. ARBITRATION

Arbitration provision intentionally removed.

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Transaction Identification Data for reference only:

Issuing Agent: First American Title Insurance Company National Commercial Services
Commitment No.: NCS-1009167-ONT1
Property Address: 2311 North Hollywood Way, Burbank, CA 91505
Revision No.:

Issuing Office: 3281 E Guasti Road, Suite 440, Ontario, CA 91761
Issuing Office File No.: NCS-1009167-ONT1
Escrow Officer/Assistant: /

Phone: /
Email: /
Title Officer/Assistant: Wendy Hagen Bowen/Diane Nesbit
Phone: (909)510-6225/(909)510-6230
Email: whagen@firstam.com/dnesbit@firstam.com

SCHEDULE A

1. Commitment Date: March 16, 2020 at 8:00 AM
2. Policy to be issued:

   (a) ☒ 2006 ALTA® Standard Owner Policy
   Proposed Insured: To Be Determined
   Proposed Policy Amount: $ To Be Determined

   (b) ☒ 2006 ALTA® Extended Loan Policy
   Proposed Insured: To Be Determined
   Proposed Policy Amount: $ To Be Determined

   (c) ☐ 2006 ALTA® Policy
   Proposed Insured:
   Proposed Policy Amount: $

3. The estate or interest in the Land described or referred to in this Commitment is

   Fee

4. The Title is, at the Commitment Date, vested in:

   GORT, A CALIFORNIA LIMITED PARTNERSHIP

5. The Land is described as follows:

   See Exhibit "A" attached hereto and made a part hereof

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Commitment No.: NCS-1009167-ONT1

SCHEDULE B, PART I

Requirements

All of the following Requirements must be met:

A. The Proposed Insured must notify the Company in writing of the name of any party not referred to in this Commitment who will obtain an interest in the Land or who will make a loan on the Land. The Company may then make additional Requirements or Exceptions.

B. Pay the agreed amount for the estate or interest to be insured.

C. Pay the premiums, fees, and charges for the Policy to the Company.

D. Documents satisfactory to the Company that convey the Title or create the Mortgage to be insured, or both, must be properly authorized, executed, delivered, and recorded in the Public Records.

E. Releases(s) or Reconveyance(s) of Item(s): None

F. Other: None

G. You must give us the following information:
   a. Any off record leases, surveys, etc.
   b. Statement(s) of Identity, all parties.
   c. Other:

Prior to closing, the Company must confirm whether the county recording office in which the Land is located has changed its access policies due to the COVID-19 outbreak. If recording has been restricted, specific underwriting approval is required; and, additional requirements or exceptions may be made.

The following additional requirements, as indicated by "X", must be met:

[X] H. Provide information regarding any off-record matters, which may include, but are not limited to: leases, recent works of improvement, or commitment statements in effect under the Environmental Responsibility Acceptance Act, Civil Code Section 850, et seq.

The Company's Owner's Affidavit form (as provided by the company) must be completed and submitted prior to close in order to satisfy this requirement. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

[] I. An ALTA/NSPS survey of recent date, which complies with the current minimum standard

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detail requirements for ALTA/NSPS land title surveys, must be submitted to the Company for review. This Commitment will then be subject to such further exceptions and/or requirements as may be deemed necessary.

[] J. The following LLC documentation is required from:

(i) a copy of the Articles of Organization
(ii) a copy of the Operating Agreement, if applicable
(iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iv) express Company Consent to the current transaction

[X] K. The following partnership documentation is required **:**

(i) a copy of the partnership agreement, including all applicable amendments thereto
(ii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iii) express Partnership Consent to the current transaction

[] L. The following corporation documentation is required:

(i) a copy of the Articles of Incorporation
(ii) a copy of the Bylaws, including all applicable Amendments thereto
(iii) a Certificate of Good Standing and/or other evidence of current Authority to Conduct Business within the State
(iv) express Corporate Resolution consenting to the current transaction

[X] M. Based upon the Company's review of that certain partnership/operating agreement dated **Not disclosed** for the proposed insured herein, the following requirements must be met:
Any further amendments to said agreement must be submitted to the Company, together with an affidavit from one of the general partners or members stating that it is a true copy, that said partnership or limited liability company is in full force and effect, and that there have been no further amendments to the agreement. This Commitment will then be subject to such further requirements as may be deemed necessary.

[] N. A copy of the complete lease, as referenced in Schedule A, #3 herein, together with any amendments and/or assignments thereto, must be submitted to the Company for review, along with an affidavit executed by the present lessee stating that it is a true copy, that the lease is in full force and effect, and that there have been no further amendments to the lease. This Commitment will then be subject to such further requirements as may be deemed necessary.

[X] O. Approval from the Company's Underwriting Department must be obtained for issuance of the policy contemplated herein and any endorsements requested thereunder. This Commitment will then be subject to such further requirements as may be required to obtain such approval.

[] P. Potential additional requirements, if ALTA Extended coverage is contemplated hereunder, and work on the land has commenced prior to close, some or all of the following requirements, and any other requirements which may be deemed necessary, may need to be met:

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[] Q. The Company's "Indemnity Agreement I" must be executed by the appropriate parties.

[] R. Financial statements from the appropriate parties must be submitted to the Company for review.

[] S. A copy of the construction contract must be submitted to the Company for review.

[] T. An inspection of the Land must be performed by the Company for verification of the phase of construction.

[] U. The Company's "Mechanic's Lien Risk Addendum" form must be completed by a Company employee, based upon information furnished by the appropriate parties involved.

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Commitment No.: NCS-1009167-ONT1

SCHEDULE B, PART II

Exceptions

THIS COMMITMENT DOES NOT REPUBLISH ANY COVENANT, CONDITION, RESTRICTION, OR LIMITATION CONTAINED IN ANY DOCUMENT REFERRED TO IN THIS COMMITMENT TO THE EXTENT THAT THE SPECIFIC COVENANT, CONDITION, RESTRICTION, OR LIMITATION VIOLATES STATE OR FEDERAL LAW BASED ON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, GENDER IDENTITY, HANDICAP, FAMILIAL STATUS, OR NATIONAL ORIGIN.

The Policy will not insure against loss or damage resulting from the terms and provisions of any lease or easement identified in Schedule A, and will include the following Exceptions unless cleared to the satisfaction of the Company:

1. Any defect, lien, encumbrance, adverse claim, or other matter that appears for the first time in the Public Records or is created, attaches, or is disclosed between the Commitment Date and the date on which all of the Schedule B, Part I-Requirements are met.

2. (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.

3. 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.

4. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.

5. 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.

6. (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.

7. General and special taxes and assessments for the fiscal year 2020-2021, a lien not yet due or payable.

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8. General and special taxes and assessments for the fiscal year 2019-2020.

First Installment:	$78,119.95, PAID
Penalty:	$0.00
Second Installment:	$78,119.94, OPEN
Penalty:	$0.00
Tax Rate Area:	02530
A. P. No.:	2463-001-019

9. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

10. An easement for aerial, underground telephone, telegraph, communication structures and incidental purposes in the document recorded March 28, 1944 as Instrument No. 1608 in Book 20800, Page 152 of Official Records.

    The location of the easement cannot be determined from record information.

11. An easement for pole lines and incidental purposes in the document recorded July 12, 1961 as Instrument No. 1417 in Book D1282, Page 987 of Official Records.

12. An easement for public utility, sewer and incidental purposes in the document recorded July 12, 1961 as Instrument No. 1418 in Book D1282, Page 989 of Official Records.

13. An easement for storm drain and incidental purposes in the document recorded July 12, 1961 as Instrument No. 1420 in Book D1282, Page 992 of Official Records.

    The location of the easement cannot be determined from record information.

14. An easement for public utility, sewer and incidental purposes in the document recorded May 11, 1962 as Instrument No. 3914 in Book D1611, Page 921 of Official Records.

15. The terms and provisions contained in the document entitled "Mutual Reciprocal Restriction on Use of Land" recorded November 02, 1994 as Instrument No. 94-1983331 of Official Records.

    Affects: The land and other property.

16. An easement for drainage channel and incidental purposes, recorded November 02, 1994 as Instrument No. 94-1983333 of Official Records.
    In Favor of: SMC Properties-Burbank, a California General Partnership
    Affects: The Most Westerly 10 feet, as described therein

17. An easement shown or dedicated on the map of Parcel Map No. 24143 recorded December 13, 1995 and on file in Book 269, Page 99 and 100, of Parcel Maps.
    For: Drainage and incidental purposes.

18. The terms and provisions contained in the document entitled "Use Restriction Agreement" recorded November 23, 2016 as Instrument No. 16-1473315 of Official Records.

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19. We find no outstanding voluntary liens of record affecting subject property. An inquiry should be made concerning the existence of any unrecorded lien or other indebtedness which could give rise to any security interest in the subject property.

20. Water rights, claims or title to water, whether or not shown by the public records.

21. Rights of parties in possession.

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INFORMATIONAL NOTES

ALERT - CA Senate Bill 2 imposes an additional fee of $75 up to $225 at the time of recording on certain transactions effective January 1, 2018. Please contact your First American Title representative for more information on how this may affect your closing.

1. According to the latest available equalized assessment roll in the office of the county tax assessor, there is located on the land a(n) Commercial Structure known as 2311 North Hollywood Way, Burbank, CA.

2. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

   None

3. This preliminary report/commitment was prepared based upon an application for a policy of title insurance that identified land by street address or assessor's parcel number only. It is the responsibility of the applicant to determine whether the land referred to herein is in fact the land that is to be described in the policy or policies to be issued.

The map attached, if any, may or may not be a survey of the land depicted thereon. First American Title Insurance Company 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 this Commitment or the Policy, if any, to which the map is attached.

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Exhibit A

File No.: NCS-1009167-ONT1

The Land referred to herein below is situated in the City of Burbank, County of Los Angeles, State of California, and is described as follows:

PARCEL 1 OF PARCEL MAP NO. 24143, IN THE CITY OF BURBANK, AS PER MAP FILED IN BOOK 269 PAGES 99 AND 100 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

For conveyancing purposes only: APN 2463-001-019

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PHASE I
ENVIRONMENTAL SITE ASSESSMENT

For the

BURBANK RETAIL BUILDING
2311 NORTH HOLLYWOOD WAY
BURBANK, CALIFORNIA 91505

Prepared for

GORT LTD., LP
C/O NEWMARK CAPITAL REALTY, INC.
650 CALIFORNIA STREET, FOURTH FLOOR
SAN FRANCISCO, CALIFORNIA 94108

and

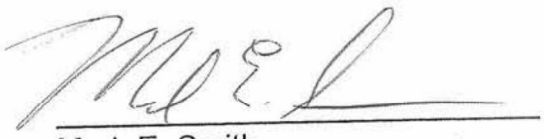
USG ANNUITY & LIFE COMPANY
C/O ING INVESTMENT MANAGEMENT, L.L.C.
5780 POWERS FERRY ROAD, SUITE 300
ATLANTA, GEORGIA 30327

Prepared by

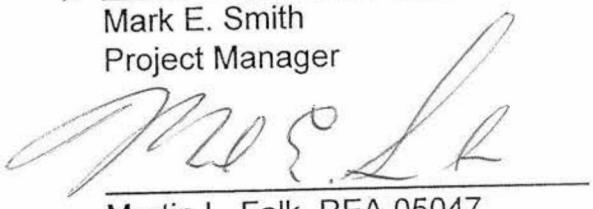
Professional Service Industries, Inc.
3960 Gilman Street
Long Beach, California 90815
Telephone (562) 597-3977

PSI PROJECT NO. 888-8E184

November 9, 1998



Mark E. Smith
Project Manager



Martin L. Falk, REA 05047
Senior Technical Professional

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1. EXECUTIVE SUMMARY

PSI has completed a Phase I Environmental Site Assessment (ESA) of the Burbank Retail Building located in Burbank, California. The assessment was performed in general accordance with the scope and limitations of the American Society for Testing and Materials (ASTM) Standard E 1527-97, modified and amended to comply with the contract between PSI and Gort Ltd., LP, dated October 1, 1998. Any exceptions to, or deletions from the ASTM E 1527-97 standard of practice are described in Section 2.4 of this report. In connection with the Phase I ESA, assessment of environmental issues beyond the consideration of ASTM E 1527-97 was conducted pursuant to the authorized scope of services for asbestos in building materials.

The subject site consists of two parcels of land totaling 12.21 acres of land, which include a large irregular-shaped parcel and a smaller rectangular-shaped parcel. The large irregular-shaped parcel of land is currently developed with a one-story commercial retail building totaling approximately 97,405 square feet in size and is also improved with an associated parking lot. The building is currently occupied by Fry's Electronics, a consumer retail electronics and major appliance store. The smaller rectangular-shaped parcel is currently vacant and undeveloped. According to information provided by the client and historical sources, the commercial retail building was originally built in 1962 as a retail store which was later acquired by Lockheed in the mid-1960's and utilized as an office building, and recently renovated for commercial retail use in 1996. Also in 1962, the northeast portion of the subject site was developed with a gasoline service station, later acquired by Lockheed Corporation in the mid-1960's and utilized as an automotive repair and fueling facility until demolition in 1992. Prior to the development of the site in 1962, it appears that the subject site was primarily developed with a dairy facility from prior to 1928 to 1962. Agricultural land, a small store, and an auto salvage yard were also observed to be developed at the subject site during this time frame.

As stated above, a gasoline service station was originally developed on the northeast portion of the subject site in approximately 1962. In the mid-1960's, Lockheed Corporation acquired the gasoline service station, identified as Building 76A, and converted the station into an automotive service and fueling facility for Lockheed fleet vehicles. As stated in Section 2.3, Information Reported By User, Building 76A was demolished and the USTs and clarifier were removed from the subject site in 1992. Soil in the close proximity of Building 76A was found to contain PCE, diesel fuel and hydraulic fluid/oil. From 1992 to 1995, a total of seven environmental investigations were performed at the former location of Building 76A. Impacted soil was removed from the subject property. In May 1995, no further environmental action was planned for the subject property and Lockheed Martin Corporation requested that closure of the environmental remediation for the subject site be granted by the California Regional Water Quality Control Board (CRWQCB). On July 5, 1995, a letter was submitted by the CRWQCB stating that no further remediation was required at the subject property. The

contaminated areas of the subject property identified by previous site investigations had been remediated to the extent possible that would greatly reduce the threat to the groundwater beneath the site. Conformity soil samplings and testings had indicated that the subject property had been remediated in accordance with Cleanup and Abatement Order No. 87-161 issued by the CRWQCB on December 10, 1987. As a result, the subject property was excluded from requirements set forth in Cleanup and Abatement Order No. 87-161. Based on the above, the former petroleum storage tank is not considered to represent a recognized environmental condition in connection with the subject property at this time.

1.1 Phase I ESA

In accordance with ASTM Standard E 1527-97, this Phase I Environmental Site Assessment included reconnaissance of the subject and adjoining properties, interviews, and review of historical records and regulatory databases in an effort to identify evidence of recognized environmental conditions that may impact the property. This assessment has revealed no evidence of recognized environmental conditions in connection with the property.

1.2 Other Environmental Issues

Asbestos

The limited asbestos survey did not identify the presence of asbestos-containing material (ACM) at or above regulated levels in connection with the area surveyed pursuant to the scope of this assessment.

1.3 Recommendations

Based on investigation of the property for evidence of recognized environmental conditions and other environmental issues, PSI offers the following recommendations.

- No further assessment of recognized environmental conditions appears warranted.

This summary does not contain all the information that is found in the full report. The report should be read in its entirety to obtain a more complete understanding of the information provided, and to aid in any decisions made or actions taken based on this information.

2. INTRODUCTION

2.1 Purpose And Scope

This Phase I Environmental Site Assessment (ESA) was performed to search for evidence of recognized environmental conditions that may have an adverse environmental impact upon the property. The assessment included records review, interviews and reconnaissance to evaluate whether such conditions exist in connection with the property. The protocol utilized for this Phase I ESA was in general accordance with the requirements of ASTM Standard E 1527-97 as well as the requirements outlined by the client as specified in the assessment contract. In connection with the Phase I ESA, assessment of environmental issues beyond the consideration of ASTM E 1527-97 was conducted for asbestos in building materials. The ASTM non-scope assessment services were performed in general accordance with the authorized assessment contract. This report includes documentation to support the analysis, opinions and conclusions as presented.

2.2 Special Terms And Conditions

Authorization

Authorization to perform this assessment was given on October 1, 1998 by a signed copy of PSI Proposal No. 888-8349, between Gort Ltd. LP, USG Annuity & Life Company and PSI.

Property Access

Instructions as to the location of the property, access, and an explanation of the property and facilities to be assessed were provided by Ms. Chilese of Gort Ltd., LP.

Use By Third Parties

This report was prepared pursuant to the contract PSI has with Gort Ltd., LP and USG Annuity & Life Company. That contractual relationship included an exchange of information about the property that was unique and between PSI and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between PSI and its client, reliance or any use of this report by anyone other than Gort Ltd., LP, and USG Annuity & Life Company, for whom it was prepared, is prohibited and therefore not foreseeable to PSI.

Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to PSI's contract with Gort Ltd., LP and USG Annuity & Life Company. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at the third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

2.3 Methodology And Resources

Reconnaissance

Ground reconnaissance was conducted on October 15, 1998 by Mr. Mark E. Smith of PSI, accompanied by Mr. Luis Magallanes, Customer Service Manager of Fry's Electronics. The ground reconnaissance consisted of observing the periphery of the property and viewing the site from accessible adjacent public thoroughfares. Interior portions of the property were systematically traversed to provide an overlapping field of view, wherever possible. The periphery of structures, where present on the property, were observed along with interior accessible common areas, maintenance and repair areas and a representative number of occupant spaces. Visual reconnaissance of adjoining properties was limited to areas and facilities that were readily observable from the subject property or from public access areas. Photographs were taken to document the features observed during the reconnaissance and environmental conditions of concern, where possible. A photographic log and copies of the photographs are included in Appendix D.

Interviews

Interviews were conducted with persons as noted in the following table. Pertinent information reported by the interviewed parties is discussed in appropriate sections of the report.

NAME	FUNCTION	EMPLOYER	DATE	CONTACT
Ms. Betty Chilese	Client Representative	Newmark Capital Realty, Inc.	10/8/98	(415) 956-9858
N/A	Building Department Technician	City of Burbank Building Department	10/15/98	In Person
Mr. Gary Graumann	Site Contact	Fry's Electronics	10/14/98	(650) 327-9200
Mr. Kapil Mirchandani	Store Manager	Fry's Electronics	10/15/98	(818) 238-3473
Mr. Luis Magallanes	Customer Service Supervisor	Fry's Electronics	10/15/98	In Person
Inspector Drossel	Fire Inspector	City of Burbank Fire Department	10/20/98	N/A

Environmental Regulatory Database Information

Information for the standard Federal and state environmental record sources specified in ASTM Standard E 1527-97 § 7.2.1.1 was obtained through VISTA Information Solutions STARView System, operated by PSI under a license agreement with VISTA. The database information was reviewed to help identify evidence of recognized

environmental conditions in connection with the property. Unmappable (orphan) sites listed in the database with insufficient address or geocoding information to be mapped were evaluated for potential location within the approximate minimum search distance (AMSD). Copies of the VISTA research data and a description of the databases are included in Appendix C of this report.

Historical Use Information

A history of the previous uses of the property, and properties in the surrounding area to the extent that this information was revealed in the course of researching the subject property, was developed consistent with practices specified in ASTM Standard E 1527-97 § 7.3. From the standard historical sources specified in the ASTM practice, PSI reviewed those sources listed below. Copies of representative historical source information are provided in applicable Appendices.

- Aerial photographs dated 1928, 1939, 1941, 1945, 1948, 1950, 1958 and 1963 reviewed at Fairchild Collection, Whittier College, Whittier, California.
- Aerial photograph dated 1987, reviewed from PSI's in-house aerial photograph collection.
- Fire insurance maps dated 1953, 1954, 1956, 1960, 1966, 1968 and 1969 obtained from at VISTA Information Solutions, Inc.
- Historical United States Geological Survey (USGS) 7.5 minute topographic maps titled Burbank, California, dated 1966, photorevised 1972.
- Local street directories for 1971, 1976, 1981, 1986, 1991, 1996 published by Haines & Company, Inc. reviewed at Haines Information Services, Inc.
- Chain of title records for the subject property obtained by PSI through Milliken & Michaels.
- Building department records for 1992 and 1996 obtained at City of Burbank Building Department.
- Zoning/land use records for 1998 obtained at City of Burbank Planning Department.

The first obvious developed use of the property identified in this assessment was prior to 1928. Historical information sources researched in this assessment allowed uses of the property to be traced from the present back to 1928. This postdates the property's obvious first developed use and constitutes historical data failure per ASTM Standard E 1527-97 § 7.3.2.3.

Information Reported By User

Pursuant to ASTM Standard E 1527-97 § 5.2 and § 5.3, PSI requested that the client provide information on any environmental liens recorded against the property, communicate any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property, and identify key site managers for interview purposes. Information that was reported has been incorporated into and is discussed in appropriate sections of the report. Documents provided by the client for our

use in preparation of this report are presented in applicable Appendices, and included four previous reports and a letter as listed below:

- Specifications for Demolition and Grading Plant A-1 South, Building 76A, by ASL Consultants, Inc. of Arcadia, California, dated March 1992.
- Lockheed Corporation, Burbank Operable Unit Consent Decree, presented by Barry M. Hartman and William A. Weinischhke, United States Department of Justice, dated March 25, 1992.
- Lockheed Martin, Final Report of Soil Remediation for Building 76A, Lockheed Plant A-1 South, Burbank, California, prepared by Lockheed Martin Corporation of Burbank, California, dated May 1995.
- Superfund and RWQCB Cleanup Activities, Burbank – Lockheed Area, White Paper, prepared by City of Burbank City Attorney's Office and Freilich, Kaufman, Fox & Sohagi, dated August 1995.
- Response Letter for Soil Remediation Final Report, Lockheed Plant A-1 South, Building 76A, California Regional Water Quality Control Board, Los Angeles Region, dated July 1995.

According to the above-referenced reports, Lockheed Martin Corporation Plant A-1 South (the subject property) was originally utilized for agricultural purposes and as a dairy farm until the 1940's, at which time Lockheed began using portions of the subject site to support their Burbank aircraft manufacturing facilities. From the 1940's through the 1960's, the subject site had various uses, including an automotive parking lot for Lockheed employees, small restaurants which bordered Vanowen Street, and an auto salvage yard. Building 76 (presently utilized as the on-site retail warehouse structure, located on the southern portion of the subject property) and Building 76A (previously developed on the northeast portion of the subject site) were initially constructed as portions of a Unimart retail sales facility in the 1960's. Building 76A was utilized as a gasoline service station for the Unimart facility until Lockheed acquired Building 76 and Building 76A.

Building 76A was formerly operated as an auto service center and was utilized by Lockheed for fleet vehicle maintenance and fueling. This facility included a total of four, single-walled, steel, 12,000-gallon USTs; one, 550-gallon, steel-walled, waste oil tank; one concrete, 1,600-gallon clarifier; and seven dispensers. Two of the USTs were used for unleaded gasoline storage, and one UST was used for diesel fuel storage. The remaining UST was used for the storage of tetrachloroethene (PCE) and served as a central supply point for Lockheed's other plants in Burbank. The PCE was dispensed to tanker trucks and transported to the various Lockheed plants in the City of Burbank.

Building 76A was demolished in 1992 and included the removal of the four USTs and associated piping and dispensers; removal of the building, floor slab, and foundations; and removal of all below grade improvements including hydraulic lifts, clarifiers, storm

drains, utilities and sewers. The USTs and clarifier were removed under supervision of an Inspector of the City of Burbank Fire Department, and the Inspector directed the collection of 21 soil samples at this location. Based on the laboratory analytical results of the soil samples collected, soil in the close proximity of Building 76A was found to contain PCE, diesel fuel and hydraulic fluid/oil.

From 1992 to 1995, a total of seven environmental investigations were performed at the former location of Building 76A. Six of the investigations included the installation of soil borings or soil vapor probes in the Building 76A area. A total of 18 of the 426 soil samples which were submitted to the laboratory were found to contain concentrations of PCE in excess of 1.0 mg/kg. Approximately 1,380 tons of soil found to contain PCE was excavated and removed from the subject site, and 109 verification soil samples were collected from the excavation sidewalls and bottoms. The verification soil samples collected from the excavation sidewalls contained less than 150 µg/kg of PCE. Diesel fuel and hydraulic/waste oil was also present in the soil with the PCE was also removed, however specific concentrations of diesel fuel and hydraulic/waste oil were not reported.

Following approval of the excavations and the backfill material by the California Regional Water Quality Control Board (CRWQCB), the excavations were backfilled with soil. The verification soil samples collected from the excavation base and sidewalls of the soil remaining in place did not detect the presence of PCE in excess of 150 µg/kg. In May 1995, no further environmental action was planned for the subject property and Lockheed Martin Corporation requested that closure of the environmental remediation for the subject site be granted by the California Regional Water Quality Control Board (CRWQCB). On July 5, 1995, a letter was submitted by the CRWQCB stating that no further remediation was required at the subject property. The contaminated areas of the subject property identified by previous site investigations had been remediated to the extent possible that would greatly reduce the threat to the groundwater beneath the site. Conformity soil samplings and testings had indicated that the subject property had been remediated in accordance with Cleanup and Abatement Order No. 87-161 issued by the CRWQCB on December 10, 1987. As a result, the subject property was excluded from requirements set forth in Cleanup and Abatement Order No. 87-161. Based on the above, the former petroleum storage tank is not considered to represent a recognized environmental condition in connection with the subject property at this time.

ASTM Non-Scope Services And Other Resources

Methodology and protocols used for evaluation of conditions and issues beyond the scope of ASTM Standard E 1527-97 are described in Section 7 of this report. Other resources and information accessed for purposes of this site assessment are discussed in appropriate sections of the report. Credentials and certifications of the environmental professionals responsible for preparation of this report are included in Appendix F.

2.4 Limitations And Exceptions Of Assessment

Along with all of the limitations set forth in various sections of the ASTM Standard E 1527-97 protocol, the accuracy and completeness of this report is necessarily limited by the following:

- Access Limitations - None
- Physical Obstructions to Observations - None
- Outstanding Information Requests - None
- Historical Data Source Failure – Historical records prior to 1928 were not readily available for review for this Phase I ESA report.
- Other - None

3. PROPERTY DESCRIPTION AND PHYSICAL SETTING

3.1 LOCATION

The subject property is known as the Burbank Retail Building, and it is located at 2311 North Hollywood Way, in the City of Burbank, Los Angeles County, California 91505. Major streets which bound the subject site include Vanowen Street to the north, North Hollywood Way to the east, and Valhalla Drive to the south. The Burbank-Glendale-Pasadena Airport is located in the northwestern vicinity of the subject site.

The subject property's location is identified on the site vicinity map provided as Figure 1 in Appendix A.

3.2 PROPERTY VICINITY CHARACTERISTICS

The property is located in a predominantly industrial and commercial setting.

A site vicinity sketch is included as Figure 2 in Appendix A.

3.3 DESCRIPTION OF PROPERTY AND IMPROVEMENTS

The property consists of two parcels of land totaling approximately 12.21 acres. A site plan showing site boundaries and current development was provided for our use and is included in the Appendix.

Improvements to the subject property consist of a one-story, concrete tilt-up commercial retail facility. The structure consists of approximately 97,405 square feet of rentable space. The property is also developed with an 899-space vehicular parking lot, and minimal planter landscaping consisting of small shrubs and trees along the perimeter and in the parking lot planters. The remaining portion of the subject site is vacant, undeveloped land. According to information provided to PSI and building permits on-file at the City of Burbank Building Department, the current subject site structure was originally developed in 1962 as a store facility, later acquired by Lockheed in the mid-1960's and utilized as an office facility, and recently renovated for commercial retail use in 1996.

Photographs showing prominent features of the site are provided in Appendix D.

UTILITIES

Utility systems identified at the property, as specified in ASTM Standard E 1527-97 § 8.4.1 and § 8.4.3 are as follows:

- The facility heating ventilating and air conditioning (HVAC) system is located on the roof. The system is fueled by electricity.

- Sewage disposal at the property is provided through the City of Burbank municipal sanitary sewer system.
- Potable water at the property is obtained through the City of Burbank municipal water system.

3.4 Physical Setting

Topographic Map Review

A current United States Geological Survey (USGS) 7.5 minute topographic map (or equivalent) showing the area where the property is located was obtained and reviewed as specified in ASTM Standard E 1527-97 § 7.2.3. The 1966 (photo revised 1972) USGS Burbank, California quadrangle map was reviewed. According to the contour lines on the topographic map, the property is located approximately 660 feet above mean sea level. The contour lines in the area of the property indicate the area slopes gently to the southeast. No water bodies are evident on or adjacent to the property. The subject property was denoted as being developed with the current structure developed at the subject site and a former structure which was denoted on the north side of the site along Vanowen Street.

Supplemental Physical Setting Information

The following discretionary physical setting sources pursuant to ASTM Standard E 1527-97 § 7.2.3, were obtained and reviewed to provide supplemental information regarding soils and hydrogeology in the vicinity of the property.

Subsurface Soils - According to the United States Department of Agriculture Soil Conservation Service, the near surface soil association underlying the subject site belongs to the Tujunga-Soboba associations. These soils are characterized by somewhat excessively to excessively drained, brownish-gray or grayish-brown sand or loamy fine sand, and pale brown, neutral cobbly, very fine sandy loam. Lower layers are pale brown and light brownish-gray, very cobbly loamy coarse sand, calcareous in the lower part. Subsurface permeability is rapid to very rapid.

Hydrogeology – According to the Upper Los Angeles River Area, Groundwater Contour Map, published by the ULARA Watermaster, dated Spring 1990, depth to first groundwater, beneath the subject property, is approximately 170 feet below ground surface elevation. Groundwater flow direction is to the southeast.

4. PROPERTY USAGE

4.1 CURRENT USES OF THE PROPERTY

Current use of the property as determined through observation, interviews and records review is described below.

The subject site is currently developed with a commercial retail warehouse facility. The current tenant at the subject site is Fry's Electronics, a consumer retail electronics and major appliance store.

The User should refer to Section 6 of this report for additional site reconnaissance details.

4.2 PAST USES OF THE PROPERTY

To the extent that indications of past uses of the property were identified through historical records review, reconnaissance observation, interviews, or through client provided information, they are identified below.

Year(s)	Property Use	Reference Source
1928	The subject property was observed as being developed with a dairy facility (denoted in the Sanborn Fire Insurance Maps). The subject site appeared to be developed with several farm-like structures, while designated feeding areas for cattle were observed surrounding the structures. In addition, the western portion of the site was observed as being utilized for agricultural purposes.	Aerial Photograph
1939	The subject property was observed as being developed with a dairy facility with the western portion of the site developed for agricultural purposes.	Aerial Photograph
1941	The subject property was observed as being developed with a dairy facility with the western portion of the site developed for agricultural purposes.	Aerial Photograph
1945	The subject property was observed as being developed with a dairy facility. Vacant land replaced agricultural land observed on the western portion of the subject site, and a parking lot was observed on the northeastern portion of the site.	Aerial Photograph
1948	The subject property was observed as being developed with a dairy facility. Vacant land was observed on the western portion of the subject site, and a parking lot was observed on the northeastern portion of the site.	Aerial Photograph

Year(s)	Property Use	Reference Source
1950	The subject property was observed as being developed with a dairy facility. Vacant land was observed on the western portion of the subject site, and a parking lot was observed on the northeastern portion of the site.	Aerial Photograph
1953	The subject property was denoted as being developed with a dairy facility throughout the central portion of the site, and a small store on the southeastern portion of the site.	Fire Insurance Maps
1954	The subject property was denoted as being developed with a dairy facility throughout the central portion of the site, and a small store on the southeastern portion of the site.	Fire Insurance Maps
1956	The subject property was denoted as being developed with a dairy facility throughout the central portion of the site, and a small store on the southeastern portion of the site.	Fire Insurance Maps
1958	The subject property was observed as being developed with a dairy facility. Vacant land was observed on the western portion of the subject site, and a parking lot was observed on the northeast portion of the subject site.	Aerial Photograph
1960	The subject property was denoted as being developed with a dairy facility throughout the central portion of the site, and a small store on the southeastern portion of the site.	Fire Insurance Maps
1963	The dairy facility, parking lot, and small store observed in the previous aerial photographs and Sanborn Fire Insurance Maps were observed to be replaced with a store facility on the southern portion of the site (currently utilized as the commercial retail structure) and a gasoline service station on the northeastern portion of the site. The remaining northwestern and western portions of the site appeared to be vacant and undeveloped.	Aerial Photograph
1966	Individual structures, including the store facility and gasoline service station, were denoted on the subject property.	Topographic Map
1966	The subject property was denoted as being developed with a store facility on the southern portion of the site and a gasoline service station on the northeastern portion of the site. The dairy facility and small store were no longer denoted as being developed at the subject site.	Fire Insurance Maps

Year(s)	Property Use	Reference Source
1968	The subject property was denoted as being developed with a store facility on the southern portion of the site and a gasoline station on the northeastern portion of the site.	Fire Insurance Maps
1969	The store facility observed in the previous aerial photographs and denoted in the Sanborn maps was identified as a "Lockheed Aircraft Corporate Office" facility. The gasoline service station was denoted on the northeastern portion of the subject site.	Fire Insurance Maps
1971	The subject site was listed as Lockheed Aircraft Corporation and Lockheed Credit Union.	Historical City Directories
1976	The subject property was listed as Lockheed Aircraft Corporation and Lockheed Credit.	Historical City Directories
1981	The subject property was listed as Lockheed Aircraft Corporation and Lockheed Credit.	Historical City Directories
1987	The subject property was observed as being developed with the Lockheed facility and an associated automotive service station operated by Lockheed.	Aerial Photograph
1986	The subject property was listed as Lockheed Aircraft Union and Lockheed Federal Credit Union.	Historical City Directories
1991	The subject property was listed as Lockheed Federal Credit Union.	Historical City Directories
1992	According to building permits, a demolition permit was issued for Building 76A (the automotive service station operated by Lockheed) was demolished. Grading activities were also documented for this portion of the subject property.	City of Burbank
1996	The subject property address was listed as not being occupied.	Historical City Directories
1996	According to building permits, tenant improvements, including the development of a car stereo bay, were issued for 2311 North Hollywood Way	City of Burbank
1998	The subject property was observed as being developed with a commercial retail facility occupied by Fry's Electronics, a consumer electronics and appliance store.	PSI Site Reconnaissance

The historical information presented above reveals evidence of recognized environmental conditions in connection with the subject property. Evidence of the recognized environmental conditions is summarized below along with the reasons for our opinion:

- A gasoline service station, reportedly operated by Unimart, was originally developed on the northeast portion of the subject site in approximately 1962. In the mid-1960's Lockheed Corporation acquired the gasoline service station, identified as Building 76A, and converted the station into an auto service center for Lockheed fleet vehicles. As stated in Section 2.3, Information Reported By User, Building 76A was demolished and the USTs and clarifier were removed from the subject site in 1992. Soil in the close proximity of Building 76A was found to contain PCE, diesel fuel and hydraulic fluid/oil. From 1992 to 1995, a total of seven environmental investigations were performed at the former location of Building 76A. Impacted soil was removed from the subject property. In May 1995, no further environmental action was planned for the subject property and Lockheed Martin Corporation requested that closure of the environmental remediation for the subject site be granted by the California Regional Water Quality Control Board (CRWQCB). On July 5, 1995, a letter was submitted by the CRWQCB stating that no further remediation was required at the subject property. The contaminated areas of the subject property identified by previous site investigations had been remediated to the extent possible that would greatly reduce the threat to the groundwater beneath the site. Conformity soil samplings and testings had indicated that the subject property had been remediated in accordance with Cleanup and Abatement Order No. 87-161 issued by the CRWQCB on December 10, 1987. As a result, the subject property was excluded from requirements set forth in Cleanup and Abatement Order No. 87-161. Based on the above, the former petroleum storage tank is not considered to represent a recognized environmental condition in connection with the subject property at this time.

4.3 Environmental Liens

No knowledge of environmental liens recorded against the property were reported to PSI.

As part of the scope of services, PSI contracted with Milliken & Michaels to prepare a chain of title records report for the property. See Appendix B for a copy of their report. Review of the chain of title records did not identify environmental liens recorded against the property.

4.4 Current And Past Uses Of Adjoining Properties

To the extent that indications of current and past uses of adjoining properties were identified through reconnaissance observation, interviews, records review or through client provided information, they are described below. Locations of adjoining properties discussed can be found on the site vicinity sketch in Appendix A.

Year(s)	Property Use	Reference Source
North		
1928	The property adjacent to the north of the subject site across Vanowen Street and a railroad track was observed to be utilized for agricultural purposes as row crops.	Aerial Photograph
1939	The property adjacent to the north of the subject site across Vanownen Street and a railroad track was observed to be vacant and undeveloped.	Aerial Photograph
1941	The property adjacent to the north of the subject site across Vanowen Street and a railroad track was observed to be developed with a large commercial-industrial facility (Lockheed), appearing to be an airplane manufacturing plant (numerous airplanes were observed surrounding the perimeter of the facility). The Burbank-Glendale-Pasadena Airport was also observed in the northwestern vicinity of this facility.	Aerial Photograph
1945	The property adjacent to the north of the subject site across Vanowen Street and a railroad track was observed to be developed with a large commercial-industrial facility (Lockheed), appearing to be an airplane manufacturing plant (numerous airplanes were observed surrounding the perimeter of the facility). The Burbank-Glendale-Pasadena Airport was also observed in the northwestern vicinity of this facility.	Aerial Photograph
1948	The property adjacent to the north of the subject site across Vanowen Street and a railroad track was observed to be developed with a large commercial-industrial facility (numerous airplanes were observed surrounding the perimeter of the facility). The Burbank-Glendale-Pasadena Airport was observed in the northwestern vicinity of this facility.	Aerial Photograph
1950	The property adjacent to the north of the subject site across Vanowen Street and a railroad track was observed to be developed with a large commercial-industrial facility (numerous airplanes were observed surrounding the perimeter of the facility). The Burbank-Glendale-Pasadena Airport was observed in the northwestern vicinity of this facility.	Aerial Photograph
1953	The property adjacent to the north was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps
1954	The property adjacent to the north was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps

Year(s)	Property Use	Reference Source
North		
1958	The property adjacent to the north of the subject site across Vanowen Street and a railroad track was observed to be developed with a large commercial-industrial facility (numerous airplanes were observed surrounding the perimeter of the facility). The Burbank-Glendale-Pasadena Airport was observed in the northwestern vicinity of this facility.	Aerial Photograph
1960	The property adjacent to the north was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps
1963	The property adjacent to the north was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps
1966	The property adjacent to the north across Vanowen Street and a railroad track was denoted as being developed with a large commercial-industrial facility. The Burbank-Glendale-Pasadena Airport was denoted towards the northwest vicinity of the subject site.	Topographic Map
1966	The property adjacent to the north was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps
1968	The property adjacent to the north was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps
1969	The property adjacent to the north was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps
1987	The property adjacent to the north across Vanowen Street and a railroad track was denoted as being developed with a large commercial-industrial facility. The Burbank-Glendale-Pasadena Airport was denoted towards the northwest vicinity of the subject site.	Aerial Photograph
1998	The property adjacent to the north across Vanowen Street and a railroad track was observed as being developed with a large commercial-industrial structure identified as Calstart–Advanced Transportation Technologies.	PSI Site Reconnaissance
South		
1928	The property adjacent to the south of the subject site across Valhalla Drive was observed to be utilized for agricultural purposes as row crops.	Aerial Photograph
1939	The property adjacent to the south of the subject site across Valhalla Drive was observed to be utilized for agricultural purposes as row crops.	Aerial Photograph
1941	The property adjacent to the south of the subject site across Valhalla Drive was observed to be utilized for agricultural purposes as row crops.	Aerial Photograph

Year(s)	Property Use	Reference Source
South		
1945	The property adjacent to the south of the subject site across Valhalla Drive was observed to be developed with a softball field. Vacant land was observed to the southwest.	Aerial Photograph
1948	The property adjacent to the south of the subject site across Valhalla Drive was observed to be developed with a softball field. Vacant land was observed to the southwest.	Aerial Photograph
1950	The property adjacent to the south of the subject site across Valhalla Drive was observed to be developed with a softball field. A building was observed to the southwest.	Aerial Photograph
1953	The property adjacent to the south of the subject site across Valhalla Drive was denoted as being developed with a softball field, and a "California National Guard" facility was denoted to the southwest.	Fire Insurance Maps
1954	The property adjacent to the south of the subject site across Valhalla Drive was denoted as being developed with a parking lot (replacing the softball field) and a "California National Guard" facility was denoted to the southwest.	Fire Insurance Maps
1958	The property adjacent to the south of the subject site across Valhalla Drive was observed as being developed with a parking lot, and the national guard facility denoted in the fire insurance map was observed to the southwest.	Aerial Photograph
1960	The property adjacent to the south of the subject site across Valhalla Drive was denoted as being developed with a parking lot (replacing the softball field) and a "California National Guard" facility was denoted to the southwest.	Fire Insurance Maps
1963	The property adjacent to the south of the subject site across Valhalla Drive was denoted as being developed with a parking lot, and a "California National Guard" facility was denoted to the southwest.	Fire Insurance Maps
1966	The property adjacent to the south of the subject site across Valhalla Drive was denoted as being developed. An individual structure (identified as an "Armory") was denoted to the southwest.	Topographic Map
1966	The property adjacent to the south of the subject site across Valhalla Drive was denoted as being developed with a parking lot, and a "California National Guard" facility was denoted to the southwest.	Fire Insurance Maps

Year(s)	Property Use	Reference Source
South		
1968	The property adjacent to the south of the subject site across Valhalla Drive was denoted as being developed with a parking lot, and a "California National Guard" facility was denoted to the southwest.	Fire Insurance Maps
1969	The property adjacent to the south of the subject site across Valhalla Drive was denoted as being developed with a parking lot, and a "California National Guard" facility was denoted to the southwest.	Fire Insurance Maps
1987	The property adjacent to the south of the subject site across Valhalla Drive was observed as being developed with commercial/retail structures. The national guard facility was observed to the southwest.	Aerial Photograph
1998	The property adjacent to the south of the subject site across Valhalla Drive was observed as being developed with commercial/retail structures. The national guard facility was observed to the southwest.	PSI Site Reconnaissance
East		
1928	The property adjacent to the east of the subject site across North Hollywood Way was observed to be utilized for agricultural purposes as row crops.	Aerial Photograph
1939	The property adjacent to the east of the subject site across North Hollywood Way was observed to be utilized for agricultural purposes as row crops.	Aerial Photograph
1941	The property adjacent to the east of the subject site across North Hollywood Way was observed to be utilized for agricultural purposes as row crops.	Aerial Photograph
1945	The property adjacent to the east of the subject site across North Hollywood Way was observed to be utilized for agricultural purposes as row crops.	Aerial Photograph
1948	The property adjacent to the east of the subject site across North Hollywood Way was observed to be developed with an automotive parking lot.	Aerial Photograph
1950	The property adjacent to the east of the subject site across North Hollywood Way was observed to be developed with an automotive parking lot with a commercial structure beyond.	Aerial Photograph
1953	The property adjacent to the east of the subject site was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps
1954	The property adjacent to the east was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps

Year(s)	Property Use	Reference Source
East		
1958	The property adjacent to the east of the subject site across North Hollywood Way was observed to be developed with an automotive parking lot.	Aerial Photograph
1960	The property adjacent to the east was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps
1963	The property adjacent to the east was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps
1966	The property adjacent to the east of the subject site across North Hollywood Way was denoted as being developed, however no structures were denoted immediately adjacent to the east side of the subject site.	Topographic Map
1966	The property adjacent to the east was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps
1968	The property adjacent to the east was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps
1969	The property adjacent to the east was not denoted in the Sanborn Fire Insurance Map provided.	Fire Insurance Maps
1987	The property adjacent to the east of the subject site across North Hollywood Way was observed as being developed with a commercial office building with an associated parking lot.	Aerial Photograph
1998	The property adjacent to the east of the subject site across North Hollywood Way was observed as being developed with a commercial office building with an associated parking lot.	PSI Site Reconnaissance
West		
1928	The property adjacent to the west of the subject site was observed to be utilized for agricultural purposes as row crops.	Aerial Photograph
1939	The property adjacent to the west of the subject site was observed to be utilized for agricultural purposes as row crops.	Aerial Photograph
1941	The property adjacent to the west of the subject site was observed to be partially developed for agricultural purposes, while the remaining portion of the site appeared to be developed with an automotive parking lot and a vacant lot.	Aerial Photograph
1945	The property adjacent to the west of the subject site was observed to be partially developed with a parking lot, while the remaining portion of the site appeared to be utilized as an automotive salvage yard and vacant land.	Aerial Photograph

Year(s)	Property Use	Reference Source
West		
1948	The property adjacent to the west of the subject site was observed to be partially developed with a parking lot, while the remaining portion of the site appeared to be utilized as an automotive salvage yard and vacant land.	Aerial Photograph
1950	The property adjacent to the west of the subject site was observed to be partially developed with a parking lot, while the remaining portion of the site appeared to be utilized as an automotive salvage yard and vacant land.	Aerial Photograph
1953	The property adjacent to the west of the subject site was denoted as vacant.	Fire Insurance Maps
1954	The property adjacent to the west of the subject site was denoted as vacant.	Fire Insurance Maps
1958	The property adjacent to the west of the subject site was observed as vacant.	Aerial Photograph
1960	The property adjacent to the west of the subject site was denoted as vacant.	Fire Insurance Maps
1963	The property adjacent to the west of the subject site was denoted as vacant.	Fire Insurance Maps
1966	The property adjacent to the west of the subject site was denoted as developed, however no individual structures were denoted.	Topographic Map
1966	The property adjacent to the west of the subject site was denoted as vacant.	Fire Insurance Maps
1968	The property adjacent to the west of the subject site was denoted as vacant.	Fire Insurance Maps
1969	The property adjacent to the west of the subject site was denoted as vacant.	Fire Insurance Maps
1987	The property adjacent to the west of the subject site was observed as being developed with a parking lot and with commercial structures beyond.	Aerial Photograph
1998	The property adjacent to the west of the subject site was observed as being developed with an AGFA Film facility and a Warner Brothers facility.	PSI Site Reconnaissance

The historical information developed and reviewed for adjoining properties revealed no evidence of recognized environmental conditions in connection with the subject property.

The User should refer to Section 6 of this report for additional site reconnaissance information on the current use of adjoining property.

5. ENVIRONMENTAL REGULATORY RECORDS REVIEW

5.1 STANDARD FEDERAL AND STATE ENVIRONMENTAL RECORD SOURCES

The number of listed sites identified within the approximate minimum search distance (AMSD) from the Federal and state environmental records database listings specified in ASTM Standard E 1527-97 § 7.2.1.1 are summarized in the following table. Detailed information for sites identified within the AMSDs is provided following the table, along with an opinion about the significance of the listing to the analysis of recognized environmental conditions in connection with the subject property. Copies of the VISTA research data and a description of the databases are included in Appendix C of this report.

STANDARD FEDERAL & STATE ENVIRONMENTAL DATABASE RECORD SUMMARY					
DATABASE RECORD	AMSD (MILES)	TOTAL SITES FOUND	ON ADJ PROP	ON SUBJ PROP	DATA SOURCE
Federal NPL List	1	1	0	0	VISTA
Federal CERCLIS List	0.5	6	0	0	VISTA
Federal RCRA CORRACTS TSD Facilities List	1	1	0	0	VISTA
Federal RCRA Non-CORRACTS TSD Facilities List	0.5	0	0	0	VISTA
Federal RCRA Generators List	ADJ	8	0	1	VISTA
Federal ERNS List	SITE	0	NA	0	VISTA
State-Equivalent NPL List	1	1	0	0	VISTA
State-Equivalent CERCLIS List	0.5	2	0	0	VISTA
State Landfill and/or Solid Waste Disposal Site List	0.5	0	0	0	VISTA
State Leaking UST List	0.5	6	0	0	VISTA
State Registered UST List	ADJ	1	0	1	VISTA

5.2 DISCUSSION OF DATABASE FINDINGS

FEDERAL NPL LIST

The National Priorities List (Superfund) is EPA's database of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program. A total of one NPL site was listed within one mile of the subject property. The subject property is located in the impacted area identified as a Federal NPL List site.

San Fernando Valley (Area 1)	**Facility ID# CAD980894893**
North Hollywood Wellfield Area	**Subject site is located in impacted area**
Los Angeles, CA	**Operational Status Not Reported**
Conditions at proposal (October 15, 1984): San Fernando Valley (Area 1) is an area of contaminated ground water in the vicinity of the North Hollywood section of the City of Los Angeles, Los Angeles County, California. This area is part of the San Fernando Valley Basin, a natural underground reservoir that represents an important source of drinking water for at least three million people in the Los Angeles metropolitan area. The contaminated ground water, which underlies an area of approximately 5,156 acres, contains trichloroethylene (TCE) and perchloroethylene (PCE), and to a lesser extent, carbon tetrachloride and chloroform, according to analyses conducted by the California Department of Health Services, as well as numerous local government agencies. The State's recommended drinking water guideline for TCE and PCE (five and four parts per billion respectively) are exceeded in a number of public wells in this area. To alleviate this contamination, wells are either taken out of service or blended with water from clean sources to ensure that the public receives water with TCE/PCE concentrations below the State's guidelines. Status (June 10, 1986): EPA and the Los Angeles Department of Water and Power are entering into a cooperative agreement for a remedial investigation of the San Fernando Valley Basin and a feasibility study targeted at Area 1, the most contaminated area. The RI was scheduled to begin in early 1986. Presently, the California Regional Water Quality Control Board (CRWQCB) has been active in investigating soil contamination and requiring cleanups throughout Burbank over the last several years.	

FEDERAL CERCLIS LIST

The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) is a compilation of sites that the EPA has investigated or is currently investigating for a release or threatened release of hazardous substances. A total of six CERCLIS sites were listed within 0.5 mile of the subject property. The subject property is located in an impacted area identified as a CERCLIS site.

San Fernando Valley (Area 1)	**Facility ID# CAD980894893**
North Hollywood Wellfield Area	**Subject site is located in impacted area**
Los Angeles, CA	**Operational Status Not Reported**
The San Fernando Valley (Area 1) is also listed as a Federal NPL List site. Please refer to the Federal NPL List section for detailed information concerning this facility.	

Lockheed Martin Corporation	**Facility ID# CAD008255283**
2555 North Hollywood Way	**0.23 miles north**
Burbank, CA	**Operational Status Not Reported**
According to VISTA, the Lockheed Martin Corporation was reported as a Federal CERCLIS List site. The facility located at 2555 North Hollywood Way was an aircraft assembly plant which utilized numerous hazardous chemicals in the manufacturing process (no manufacturing	

processes were conducted at 2311 North Hollywood Way). According to information provided by the client, in March 1991, the City of Burbank approved the United States Environmental Protection Agency's (EPA) Consent Decree requiring a hundred million dollar plus groundwater cleanup in the Burbank area. This Consent Decree partially settled EPA's lawsuit against the City and Lockheed. Phase I of the construction of this EPA mandated cleanup was scheduled to be completed in 1995, in which the system had commenced operation, delivering a blended mixture of treated groundwater and water from the Metropolitan Water District to the City's water customers. In addition, EPA was to have the City of Burbank finalize a second Consent Decree to cover the operation and maintenance of this groundwater cleanup system to about the year 2018. Based on the current remedial activities being performed for this facility, this facility is not expected to have posed an adverse environmental impact to the subject site.

General Connectors Corporation	**Facility ID# CAD981457906**
3205 Burton Avenue	**0.38 miles north**
Burbank, CA	**Operational Status Not Reported**

According to VISTA, this facility was reported as a Federal CERCLIS List site. However, no detailed information was reported by VISTA concerning this facility. Based on the distance separating this facility from the subject site, this facility is not expected to have posed an adverse environmental impact to the subject site.

Valley Enameling Corporation	**Facility ID# CAD008495103**
2509 Ontario Street	**0.43 miles northeast**
Burbank, CA	**Operational Status Not Reported**

According to VISTA, this facility was reported as a Federal CERCLIS List site. However, no detailed information was reported by VISTA concerning this facility. Based on the distance separating this facility from the subject site, this facility is not expected to have posed an adverse environmental impact to the subject site.

Space-Lok, Inc.	**Facility ID# CAD983580770**
2526 Ontario Street	**0.47 miles northeast**
Burbank, CA	**Operational Status Not Reported**

According to VISTA, this facility was reported as a Federal CERCLIS List site. However, no detailed information was reported by VISTA concerning this facility. Based on the distance separating this facility from the subject site, this facility is not expected to have posed an adverse environmental impact to the subject site.

Aluminum Dip Braze Company	**Facility ID# CAD059233858**
2537 North Ontario Street	**0.48 miles northeast**
Burbank, CA	**Operational Status Not Reported**

According to VISTA, this facility was reported as a Federal CERCLIS List site. Hazardous waste in the form of nitric acid, chromic acid and tank sludges was identified at this facility. No further remedial action is planned at this facility at this time. Based on the current status of this facility and distance separating this facility from the subject site, this facility is not expected to have posed an adverse environmental impact to the subject site.

FEDERAL RCRA CORRACTS TSD FACILITIES LIST

The Corrective Action Report (CORRACTS) is a compilation of RCRA facilities undergoing corrective action. A corrective action order is issued pursuant to RCRA Section 3008(h) when there has been a release of hazardous waste or constituents into the environment from a RCRA facility. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred. A total of one CORRACTS site was identified within one mile of the subject property. The subject property was not listed as a RCRA CORRACTS facility.

Alumtreat, Inc.	**Facility ID# CAD009561911**
2905 Winona	**0.65 miles northeast**
Burbank, CA	**Operational Status Not Reported**
According to VISTA, this facility receives off-site waste and is identified as a storage/treatment plant. No further corrective action is required at this time. Based on the current status of this facility and distance separating this facility from the subject site, this facility is not expected to have posed an adverse environmental impact to the subject site.	

FEDERAL RCRA GENERATORS LIST

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Generators database is a compilation by the EPA of reporting facilities that generate hazardous waste. A total of one RCRA generator was located on the subject or adjoining properties. The subject property was listed as a RCRA generator.

Lockheed Aeronautical Systems Company	**Facility ID# CAD982504052**
2311 North Hollywood Way	**Former facility at subject site**
Burbank, CA	**Facility Closed**
According to VISTA, 2311 North Hollywood Way was identified as a RCRA-Large Generator of hazardous waste. According to historical information provided by the client, the VISTA listing is pertaining to Building 76A, an automotive repair and fueling facility that was formerly located on the northeast corner of the subject site. Former operations at Building 76A included the disposal of waste motor oil from Lockheed fleet vehicles. Hazardous material usage and the generation of hazardous waste has reportedly not occurred at the building addressed at 2311 North Hollywood Way. Please refer to Section 2.3, Information Reported By User, for detained information pertaining to former operations at Building 76A, formerly located on the northeast corner of the subject site.	

STATE-EQUIVALENT NPL & CERCLIS HAZARDOUS WASTE SITES LIST

The California Hazardous Waste Sites List is a compilation of those sites that the State has received notification of a release of hazardous wastes, including NPL sites, CERCLIS sites, and non-Federally regulated hazardous waste release sites. A total of three State hazardous waste sites were identified within the AMSD. The subject property was not listed as a State hazardous waste site.

San Fernando Valley (Area 1)	**Facility ID# CAD980894893**
North Hollywood Wellfield Area	**Subject site is located in impacted area**
Los Angeles, CA	**Operational Status Not Reported**
The San Fernando Valley (Area 1) is also listed as a Federal NPL List site. Please refer to the Federal NPL List section for detailed information pertaining to this facility.	

Lockheed Martin Corporation	**Facility ID# 19370189**
2555 North Hollywood Way	**0.23 miles north**
Burbank, CA	**Operational Status Not Reported**
The Lockheed Martin Corporation is also listed as a Federal CERCLIS List site. Please refer to the Federal CERCLIS List section for detailed information pertaining to this facility.	

Lockheed Air Terminal	**Facility ID# 19450006**
2627 North Hollywood Way	**0.31 miles north**
Burbank, CA	**Operational Status Not Reported**
According to VISTA, the Lockheed Air Terminal is listed as an SCL List site. However, no detailed information was reported by VISTA concerning this facility. Based on the distance separating this facility from the subject site, this facility is not expected to have posed an adverse environmental impact to the subject site.	

STATE LEAKING UNDERGROUND STORAGE TANK (LUST) LIST

The California LUST list is a compilation of petroleum UST sites that have reported a release. A total of six LUST sites were identified within 0.5 mile of the subject property. The subject property was not listed as a LUST site.

Lockheed Martin Corporation	**Facility ID# CAD008255283**
2555 North Hollywood Way	**0.23 miles north**
Burbank, CA	**Case Closed**
According to VISTA, this facility has experienced an unauthorized release of solvents impacting soil and groundwater at this facility. According to the Regional Water Quality Control Board, the local agency and the Regional Board are in concurrence that no further work is required at this site. Based on the regulatory status, this facility is not anticipated to have an adverse environmental impact on the subject site at this time.	

Chevron USA Service Station #839	**Facility ID# N/A**
2650 North Hollywood Way	**0.34 miles north**
Burbank, CA	**Case Closed**
According to VISTA, this facility has experienced an unauthorized release of gasoline impacting soil and groundwater at this facility. According to the Regional Water Quality Control Board, the local agency and the Regional Board are in concurrence that no further work is required at this site. Based on the regulatory status, this facility is not anticipated to have an adverse environmental impact on the subject site at this time.	

TOSCO Service Station #1999	**Facility ID# N/A**
1976 Hollywood Way	**0.38 miles south**
Burbank, CA	**No Action**
According to VISTA, this facility has experienced an unauthorized release of gasoline impacting soil. No remedial action as been conducted at this time. However, based on the media impacted (soil) and distance separating this facility from the subject site, this facility is not expected to have an adverse environmental impact on the subject site at this time.	

Mobil Oil Service Station #11FD3	**Facility ID# N/A**
1951 North Hollywood Way	**0.41 miles south**
Burbank, CA	**Further Site Assessment Underway**
According to VISTA, this facility has experienced an unauthorized release of gasoline impacting soil. Further site assessment activities are underway at this facility. Based on the distance separating this facility from the subject property, this facility is not expected to have an adverse environmental impact on the subject site at this time.	

Mercury Air Services	**Facility ID# CAD981457906**
3205 Burton Avenue	**0.38 miles north**
Burbank, CA	**Leak Being Confirmed**
According to VISTA, a leak is suspected at this facility, but has not been confirmed. However, based on the distance separating this facility from the subject property, this facility is not expected to have an adverse environmental impact on the subject site at this time.	

ASII Tank Farm (Site #1)	**Facility ID# N/A**
2761 Hollywood Way	**0.48 miles north**
Burbank, CA	**Remedial Action Underway**
According to VISTA, this facility has experienced an unauthorized release of jet fuel impacting soil. Remedial action is currently underway at this facility. Based on the distance separating this facility from the subject property, this facility is not expected to have an adverse environmental impact on the subject site at this time.	

STATE REGISTERED UST LIST

The California UST list is a compilation of petroleum storage tank sites that are registered with the State. A total of one UST site was identified on the subject or adjoining properties. Registered storage tanks were listed on the subject property.

Lockheed Plane A-1 South	**Facility ID# N/A**
2311 North Hollywood Way	**Formerly developed at subject site**
Burbank, CA	**USTs Removed**
According to VISTA, 2311 North Hollywood Way was identified as a UST facility. According to historical information provided by the client, the VISTA listing is pertaining to Building 76A, an automotive repair facility that was formerly located on the northeast corner of the subject site (no USTs are located at the building addressed at 2311 North Hollywood Way). A gasoline service station, reportedly operated by Unimart, was originally developed on the northeast portion of the subject site in approximately 1962. In the mid-1960's Lockheed Corporation acquired the gasoline	

service station, identified as Building 76A, and converted the station into an auto service center for Lockheed fleet vehicles. As stated in Section 2.3, Information Reported By User, Building 76A was demolished and the USTs and clarifier were removed from the subject site in 1992. Soil in the close proximity of Building 76A was found to contain PCE, diesel fuel and hydraulic fluid/oil. From 1992 to 1995, a total of seven environmental investigations were performed at the former location of Building 76A. Impacted soil was removed from the subject property. In May 1995, no further environmental action was planned for the subject property and Lockheed Martin Corporation requested that closure of the environmental remediation for the subject site be granted by the California Regional Water Quality Control Board (CRWQCB). On July 5, 1995, a letter was submitted by the CRWQCB stating that no further remediation was required at the subject property. The contaminated areas of the subject property identified by previous site investigations had been remediated to the extent possible that would greatly reduce the threat to the groundwater beneath the site. Conformity soil samplings and testings had indicated that the subject property had been remediated in accordance with Cleanup and Abatement Order No. 87-161 issued by the CRWQCB on December 10, 1987. As a result, the subject property was excluded from requirements set forth in Cleanup and Abatement Order No. 87-161. Based on the above, the former petroleum storage tank is not considered to represent a recognized environmental condition in connection with the subject property at this time.

6. RECONNAISSANCE FINDINGS

6.1 PROPERTY RECONNAISSANCE FINDINGS

A summary of uses and conditions consistent with ASTM Standard E 1527-97 § 8.4 indicating the likelihood of recognized environmental conditions in connection with the property is provided below. For each of the uses or conditions identified on the property, detailed information is discussed following the summary along with an opinion about the significance of the listing to the analysis of recognized environmental conditions in connection with the subject property.

IDENTIFIED YES	IDENTIFIED NO	
☒	☐	Hazardous Substances In Connection With Property Use
☒	☐	Petroleum Products In Connection With Property Use
☒	☐	Aboveground Or Underground Storage Tanks (ASTs/USTs)
☐	☒	Suspect Containers Not In Connection With Property Use
☐	☒	Electrical Or Mechanical Equipment Likely To Contain PCBs
☐	☒	Interior Stains Or Corrosion
☐	☒	Drains Or Sumps
☐	☒	Wastewater Discharges
☐	☒	Septic Or Sewage Tanks
☐	☒	Pits, Ponds Or Lagoons
☐	☒	Pools Of Liquid Or Standing Water
☐	☒	Solid Waste Dumping, Landfills Or Suspect Fill Material
☐	☒	Stained Soil Or Pavement
☐	☒	Stressed Vegetation
☐	☒	Wells
☐	☒	Odors
☐	☒	Other Uses Or Conditions Of Concern

HAZARDOUS SUBSTANCES IN CONNECTION WITH PROPERTY USE

To the extent observed or identified through interviews, the use, generation, treatment, storage or disposal of hazardous substances identified in connection with use of the property is described below.

According to VISTA, 2311 North Hollywood Way was identified as a RCRA-Large Generator of hazardous waste. According to historical information provided by the client, the VISTA listing is pertaining to Building 76A, an automotive repair facility that was formerly located on the northeast corner of the subject site. Former operations at Building 76A included the disposal of waste motor oil from Lockheed fleet vehicles. Hazardous material usage and the generation of hazardous waste has reportedly not occurred at the building addressed at 2311 North Hollywood Way. Please refer to Section 2.3,

Information Reported By User, for detained information pertaining to former operations at Building 76A, formerly located on the northeast corner of the subject site.

Petroleum Products In Connection With Property Use/Above Or Underground Storage Tanks (ASTs/USTs)

To the extent observed or identified through interviews, the use, generation, treatment, storage or disposal of petroleum products and above or underground storage tanks identified in connection with use of the property is described below.

According to VISTA, 2311 North Hollywood Way was identified as a UST facility. According to historical information provided by the client, the VISTA listing is pertaining to Building 76A, an automotive repair facility that was formerly located on the northeast corner of the subject site (no USTs are located at the building addressed at 2311 North Hollywood Way). A gasoline service station, reportedly operated by Unimart, was originally developed on the northeast portion of the subject site in approximately 1962. In the mid-1960's Lockheed Corporation acquired the gasoline service station, identified as Building 76A, and converted the station into an auto service center for Lockheed fleet vehicles. As stated in Section 2.3, Information Reported By User, Building 76A was demolished and the USTs and clarifier were removed from the subject site in 1992. Soil in the close proximity of Building 76A was found to contain PCE, diesel fuel and hydraulic fluid/oil. From 1992 to 1995, a total of seven environmental investigations were performed at the former location of Building 76A. Impacted soil was removed from the subject property. In May 1995, no further environmental action was planned for the subject property and Lockheed Martin Corporation requested that closure of the environmental remediation for the subject site be granted by the California Regional Water Quality Control Board (CRWQCB). On July 5, 1995, a letter was submitted by the CRWQCB stating that no further remediation was required at the subject property. The contaminated areas of the subject property identified by previous site investigations had been remediated to the extent possible that would greatly reduce the threat to the groundwater beneath the site. Conformity soil samplings and testings had indicated that the subject property had been remediated in accordance with Cleanup and Abatement Order No. 87-161 issued by the CRWQCB on December 10, 1987. As a result, the subject property was excluded from requirements set forth in Cleanup and Abatement Order No. 87-161. Based on the above, the former petroleum storage tank is not considered to represent a recognized environmental condition in connection with the subject property at this time.

6.2 Adjoining Property Reconnaissance Findings

A summary of uses and conditions identified on adjoining properties consistent with ASTM Standard E 1527-97 § 8.4 indicating the likelihood of recognized environmental conditions in connection with the subject property is provided below. For each of the uses or conditions identified on adjoining properties, detailed information is discussed following the summary along with an opinion about the significance of the listing to the analysis of recognized environmental conditions in connection with the subject property.

IDENTIFIED YES	IDENTIFIED NO	
☐	☒	Hazardous Substances In Connection With Adjoining Property Use
☐	☒	Petroleum Products In Connection With Adjoining Property Use
☐	☒	Aboveground Or Underground Storage Tanks (ASTs/USTs)
☐	☒	Suspect Containers
☐	☒	Electrical Or Mechanical Equipment Likely To Contain PCBs
☐	☒	Stains Or Corrosion On Interior Of Facility
☐	☒	Drains Or Sumps
☐	☒	Wastewater Discharges
☐	☒	Septic Or Sewage Tanks
☐	☒	Pits, Ponds Or Lagoons
☐	☒	Pools Of Liquid Or Standing Water
☐	☒	Solid Waste Dumping, Landfills Or Suspect Fill Material
☐	☒	Stained Soil Or Pavement
☐	☒	Stressed Vegetation
☐	☒	Wells
☐	☒	Odors
☐	☒	Other Uses Or Conditions Of Concern

No evidence of the above listed uses or conditions was identified on properties adjoining the subject site during the site reconnaissance.

7. ADDITIONAL SERVICES

Assessment was performed in connection with this Phase I ESA to address environmental issues beyond the scope of ASTM E 1527-97. For each additional service, a summary of the scope of work, methodology, and results is provided below.

7.1 LIMITED ASBESTOS SURVEY

INTRODUCTION

Asbestos-containing material (ACM) has been used extensively in buildings since the turn of the century, and most buildings have some ACM unless a significant effort has been made to remove all of it. As the adverse health effects of exposure to asbestos through inhalation and ingestion became known, the use and installation of many types of ACM in buildings was progressively phased out. For example, by 1979 the EPA had banned the use of sprayed-on ACM and troweled-on friable asbestos materials in building construction. There are instances, however, where ACM was used in new construction or renovations completed after the prohibitions were in place. Because of the costs associated with the control, removal and disposal of certain types of ACM, it can have a significant impact on the value of a property.

ACM is classified into three general forms, including thermal system insulation (e.g. pipe insulation, boiler insulation or duct insulation), surfacing materials (e.g. spray-on ceilings, spray-on walls or plaster) and miscellaneous forms (e.g. sheet flooring, ceiling tile, drywall, transite and similar products, or roofing materials). Material may be further classified as friable or non-friable, with the EPA having assigned two categories to the non-friable classification. Friability is a descriptive term referring to a materials propensity to crumble under hand pressure when dry. Materials may also be described based on their overall condition (e.g. good, fair, poor). Friable ACM is more likely to result in a release of asbestos fibers into the environment than non-friable materials, and therefore, is considered to present a greater hazard. Even non-friable ACM, however, has the potential to become friable and/or result in a release of asbestos fibers through accidental or intentional disturbance.

Asbestos-related activities are covered under a number of Federal laws and regulations. States may also establish regulations that are as effective as, or more stringent than, the Federal standards. Congress originally enacted the Asbestos Hazard Emergency Response Act (AHERA) in 1987 under Title II of the Toxic Substance Control Act (40 CFR 763) to regulate management of ACM in schools. AHERA was amended by the Asbestos School Hazard Abatement Reauthorization Act of 1989 (ASHARA) which placed accreditation requirements on persons performing assessment, design or response actions in public and commercial buildings. Standards for asbestos accreditation and training were developed by the EPA as the asbestos Model Accreditation Plan (40 CFR Part 763).

The National Emission Standards for Hazardous Air Pollutants (NESHAP) promulgated by the EPA under the Clean Air Act (40 CFR Part 61) address the identification of asbestos through laboratory analysis along with various aspects of management and control of ACM in residential buildings containing five or more dwelling units, commercial buildings and industrial buildings. In general, NESHAP requires building owners to inspect buildings for asbestos prior to renovation, remodeling or demolition. The Occupational Safety and Health Administration (OSHA) promulgated revised standards for occupational exposure to asbestos that became effective in 1995. The OSHA Asbestos Final Rule (29 CFR Parts 1910.1001 and 1926.1101) addresses hazard identification and work practices for asbestos-related activities. It also places requirements and responsibilities on both employers and building owners for maintenance of records, notifications, material identification and communication.

Suspect materials are building materials that are suspected of containing regulated concentrations of asbestos. Presumed asbestos-containing material (PACM), per the OSHA Asbestos Final Rule, includes all thermal system insulation, surfacing materials, and vinyl floor materials in buildings constructed prior to 1981, which otherwise have not been determined to be non-asbestos. AHERA, ASHARA and OSHA consider a material to be asbestos-containing if at least one sample of the material contains greater than 1% asbestos by volume. Under these rules, less than one percent is considered not detected, even if fibers were identified in the analysis; with a minimum of three samples from a homogeneous material required to confirm a material as non-asbestos. Under NESHAP, to determine a material is non-asbestos, any positive results with 10% or less asbestos must be verified utilizing the point count method. In general, all suspect materials should be assumed to contain asbestos until sufficient sampling and analysis has taken place to allow the material to be called non-asbestos. California defines ACM as any material that has greater than 0.1% asbestos by volume, which is more stringent than the EPA standard.

Limited Asbestos Survey Scope Of Work And Methodology

The limited asbestos survey was performed in accordance with the client's survey protocol . The scope of the survey included a visual inspection and bulk sampling and analysis. The asbestos survey performed in connection with this Phase I ESA was of a limited nature and was not intended to comply with the strict requirements of OSHA or the EPA. Roofing materials were not evaluated as part of this survey.

The asbestos survey was performed on October 12, 1998 by Mark E. Smith (AHERA Certification No. 349-54-9054) and included one building comprising approximately 5,000 total square feet. A visual inspection was conducted of the survey area to determine representative suspect materials and homogeneous areas which were visually similar in color, texture, general appearance, and that appeared to have been installed at the same time. Only materials that were accessible and/or exposed were inspected.

A total of three bulk samples were collected. Sampling was limited to those accessible materials not involving destruction of walls, other building elements, physical barriers, or the structural integrity of the item being tested. Sampling locations were chosen to be representative of homogeneous areas. Samples of materials were taken as randomly as possible while attempting to sample already damaged areas so as to minimize disturbance of the materials. Restoration of sampled surfaces was not within the scope of work. The bulk samples were submitted to PSI, Brea, California, for analysis by polarized light microscopy (PLM). The test results are summarized in the table provided below and the report of laboratory analysis is attached in Appendix G.

LIMITED ASBESTOS SURVEY RESULTS

The area surveyed was reported to include buildings constructed prior to January 1, 1981.

The following table summarizes the suspect materials and their general locations identified pursuant to the scope of services along with sample identification numbers and laboratory analytical results.

SP. NO.	MATERIAL DESCRIPTION	SAMPLE LOCATION	LABORATORY ANALYTICAL RESULTS	
			%	ASBESTOS TYPE
059743	2' X 4' drop-in ceiling tile	office, SE portion of building	ND	N/A
059744	2' X 4' drop-in ceiling tile	office, SE portion of building	ND	N/A
059745	2' X 4' drop-in ceiling tile	office, SE portion of building	ND	N/A

As indicated in the above table, this limited asbestos survey did identify asbestos-containing materials at or above regulated levels in connection with the area surveyed pursuant to the scope of this assessment.

8. SUMMARY AND CONCLUSIONS

8.1 PHASE I ENVIRONMENTAL SITE ASSESSMENT

PSI has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of the ASTM Standard E 1527-97 protocol of Burbank Retail Building in Burbank, California. Exceptions to or deletions from this protocol are discussed earlier in this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the property.

8.2 OTHER ENVIRONMENTAL ISSUES

ASBESTOS

The limited asbestos survey conducted pursuant to the scope of this assessment did identify the presence of asbestos-containing materials (ACM) at or above regulated levels in connection with the area surveyed.

9. RECOMMENDATIONS

Based on investigation of the property for evidence of recognized environmental conditions and other environmental issues, PSI offers the following recommendations.

- No further assessment of recognized environmental conditions appears warranted.

10. WARRANTY

PHASE I ENVIRONMENTAL SITE ASSESSMENT

PSI warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the ASTM Standard E 1527-97 protocol. These methodologies are described by the standard as representing good commercial and customary practice for conducting an Environmental Site Assessment of a parcel of property for the purpose of identifying recognized environmental conditions. However, these findings and conclusions contain all of the limitations inherent in these methodologies which are referred to in the protocol and some of which are more specifically set forth below.

LIMITED ASBESTOS SURVEY

The field and laboratory results reported herein were used to evaluate the presence of accessible and/or exposed suspect asbestos-containing building materials in the surveyed area. Professional Service Industries, Inc. warrants that the findings contained herein have been prepared in general accordance with accepted professional practices at the time of its preparation as applied by similar professionals in the community. Changes in the state of the art or in applicable regulations cannot be anticipated and have not been addressed in this report.

The survey and analytical methods have been used to provide the client with information regarding the presence of accessible and/or exposed suspect asbestos-containing building material existing in the surveyed area at the time of inspection.

Test results are valid only for the material tested. There is a distinct possibility that conditions may exist that could not be identified within the scope of the survey or that were not apparent during the site visit. This inspection covered only those areas that were exposed and/or physically accessible to the inspector. The study is also limited to the information available from the client at the time it was conducted.

UNIDENTIFIABLE CONDITIONS

There is a possibility that even with proper application of these methodologies, conditions may exist on the property that could not be identified within the scope of the assessment or that were not reasonably identifiable from the available information. PSI believes that the information obtained from the records review and the interviews concerning the property is reliable. However, PSI cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete. The methodologies of this assessment are not intended to produce all inclusive or comprehensive results, but rather to provide the client with information regarding apparent suspicions of existing and potential adverse environmental conditions relating to the subject property.

No other warranties are implied or expressed.

Soil gas isoconc. map for PCE @ 51

Max. soil gas concentrations of PCE, 1,1-DCE & TCE

November 1993

SOIL GAS SURVEY REPORT
LOCKHEED PLANT A-1 SOUTH
BURBANK, CALIFORNIA

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APPENDICES

Appendix A	Soil Gas Survey Workplan
Appendix B	CRWQCB Workplan Approval Letter
Appendix C	Certified Analytical Results from Interphase

soil gas iso.conc. for PCE @ 5/

max. soil gas concent of PCE, 1,1-DCE &

SECTION 1.0 INTRODUCTION

This report describes the results of the soil gas survey performed at Lockheed Plant A-1 South from September 23 to October 15, 1993. The survey was performed by A.E. Schmidt Environmental and Interphase under subcontract to ASL Consulting Engineers.

The survey consisted of collecting a total of 181 soil gas samples at specified grid spacing intervals across the plant. The sample locations were selected to further evaluate specific areas of the plant which had been identified in previous investigations as possible sources of chemicals in the subsurface. In addition, samples were collected on a 100-foot grid spacing throughout the plant to determine if any previously undiscovered areas of elevated concentrations of chemicals existed. Section 2.0 of this report summarizes the site background and the results of previous investigations performed at the plant as context for the soil gas survey results.

The soil gas samples were analyzed on-site in the Interphase mobile laboratory following California Regional Water Quality Control Board (CRWQCB) protocols for soil gas analyses. A description of the soil gas survey is included in Section 3.0 and the methodology used to collect and analyze the samples is described in the workplan included in Appendix A. Chemicals detected in the soil gas are identified in Section 4.0 and their distribution at the plant is also presented. Section 5.0 discusses these results and provides recommendations for further action at the site.

SECTION 2.0 SITE BACKGROUND

2.1 Site History

Lockheed Plant A-1 South is a 19.6 acre site in the City of Burbank bounded by Hollywood Way on the east, Vanowen Street on the north, and Valhalla Avenue on the south (Figure 2-1). The property was used for agricultural purposes and as a dairy farm until the 1940s, at which time Lockheed began using portions of the property to support their Burbank manufacturing facilities. From the 1940s through the 1960s the land had various uses including parking for Lockheed employees, small restaurants bordering Vanowen Street, and an auto salvage yard.

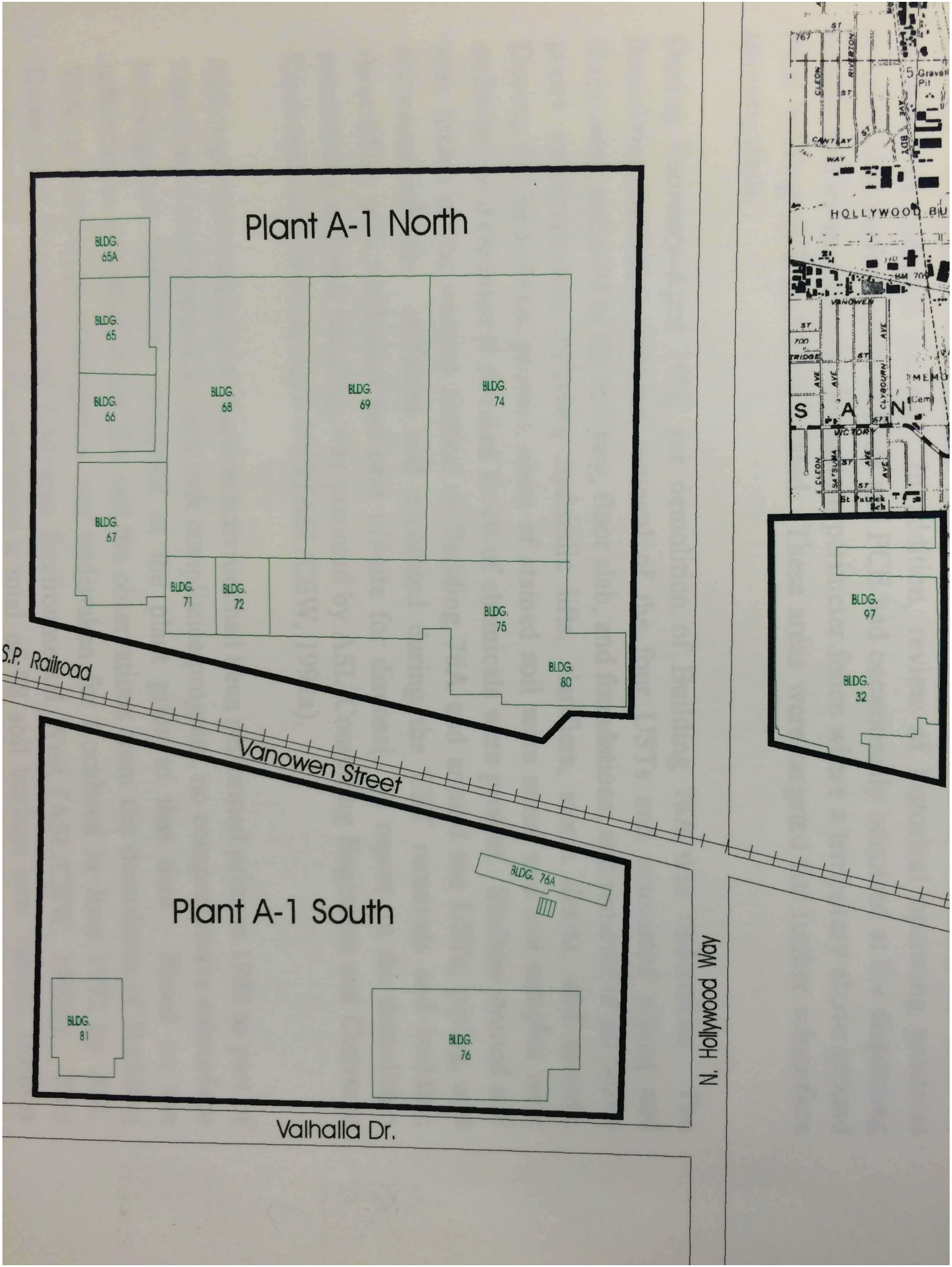
Three buildings were constructed on the property in 1962 and initially housed a Unimart store and associated auto service center (Buildings 76 and 76A) and a hospital supply store (Building 81). In 1969, Lockheed purchased Building 81 and the surrounding parking lot and also began leasing Buildings 76 and 76A. In 1986 Lockheed purchased the remaining property. The plant was deactivated during the 1991-1992 time period and in 1992 Building 76A was demolished. Buildings 76 and 81 are currently still standing at the site but are unoccupied.

Buildings 76 and 81 were used by Lockheed primarily as administrative office space and for support functions such as security, procurement, personnel, etc. Building 81 housed some material testing facilities for a brief time, but, generally, no significant manufacturing or production activities took place at Plant A-1 South.

Building 76A, the auto service center, was used by Lockheed for fleet vehicle maintenance and fueling. This complex included underground fuel storage tanks (USTs), dispenser islands and piping, below-grade hydraulic lifts, clarifiers, and above ground storage areas for hazardous materials. In addition, one of the underground storage tanks was used to store the degreasing solvent, tetrachloroethene (PCE), and served as a central supply point for Lockheed's other plants in Burbank. The PCE was dispensed to tanker trucks and transported to the various other Burbank plants, as needed.

2.2 Previous Investigations

The first investigations performed by Lockheed at Plant A-1 South were for the purpose of bringing the USTs at Building 76A into regulatory compliance. Several small investigations were performed between 1984 and 1989 which involved tank and piping testing, soil sampling, vapor monitoring well installations, and soil gas surveys (Gregg and Associates, 1985; ENSR, 1989-90; URS, 1988). These investigations were limited


Plant A-1 North
BLDG. 65A
BLDG. 65
BLDG. 66
BLDG. 67
BLDG. 68
BLDG. 69
BLDG. 74
BLDG. 71
BLDG. 72
BLDG. 75
BLDG. 80
S.P. Railroad
Vanowen Street
Plant A-1 South
BLDG. 76A
BLDG. 81
BLDG. 76
N. Hollywood Way
Valhalla Dr.
BLDG. 97
BLDG. 32
HOLLYWOOD BU
VANOWEN
CLEON
RIVERTON
CANTLAY
WAY
CLYBOURN
VICTORY
SAN
Gravel Pit

in scope to the area directly around the tanks and associated piping and dispensers. Some evidence of fuel hydrocarbon and VOC releases was found during these investigations and minor amounts of affected soil were excavated and sent off-site for disposal during retrofitting of tanks and piping to achieve regulatory compliance.

In 1991, Lockheed contracted McLaren/Hart to complete a Phase I Environmental Assessment (EA) of Plant A-1 South. This process involved a review of historical operating practices at the plant, interviews with employees, a site inspection, and aerial photo review. The purpose of the EA was to identify possible areas of environmental concern which might require further investigation. The EA report was submitted by McLaren/Hart in January, 1992 (McLaren/Hart, 1992).

The EA identified several areas of the plant, primarily in and around Building 76A, which may have been sources of elevated chemicals in the subsurface. The features in Building 76A such as underground tanks, piping, hydraulic lifts, clarifiers, etc. were all identified as potential sources. In addition, review of historical operating practices revealed that surface spills of fuels and PCE had occasionally occurred at the dispensing islands and in an area near the eastern perimeter fence where a temporary above ground PCE holding tank had been located. These areas were targeted for further subsurface investigation.

During February-April 1992, the demolition of Building 76A was undertaken. The demolition activities included removal of the four USTs and associated piping and dispensers; removal of the building, floor slab, and foundations; and removal of all below grade improvements including hydraulic lifts, clarifiers, storm drains, and sewers. During the demolition process, areas of stained soil were noted and soil samples were collected to determine if elevated levels of chemicals were present. Shallow stained soil was found in the western portion of Building 76A and around the USTs, piping, and dispenser islands. Affected soil excavated during the UST removals and building demolition was stockpiled and sent off-site for disposal. A report on the demolition monitoring and soil sampling was prepared by ASL Consulting Engineers and Converse Environmental West in April 1992 (ASL/CEW, 1992a).

Although some minor investigation activities had been performed prior to 1992 as part of Lockheed's underground storage tank compliance program, no comprehensive subsurface investigation had been completed at the plant prior to that date. Based on the information compiled in the EA and the observations from the demolition of Building 76A, a subsurface investigation was undertaken for Lockheed in June 1992 by ASL Consulting Engineers and Converse Environmental West (ASL/CEW, 1992b). This investigation consisted of completing a total of 78 soil borings near various features across the plant which had been identified as possible release sources. Fifty-eight of the 78 borings were concentrated in the area of Building 76A, the former fleet vehicle

maintenance and refueling facility. Figures 2-2 and 2-3 show the locations of soil borings completed during the 1992 investigation in relation to the soil gas sample collection points which were part of this current investigation.

Sixty-three of the soil borings completed in 1992 were completed to depths of 10 or 20 feet. Fourteen borings were completed to a total depth of 40 feet and one boring was completed to a depth of 80 feet. A total of 344 soil samples were collected from the 78 borings.

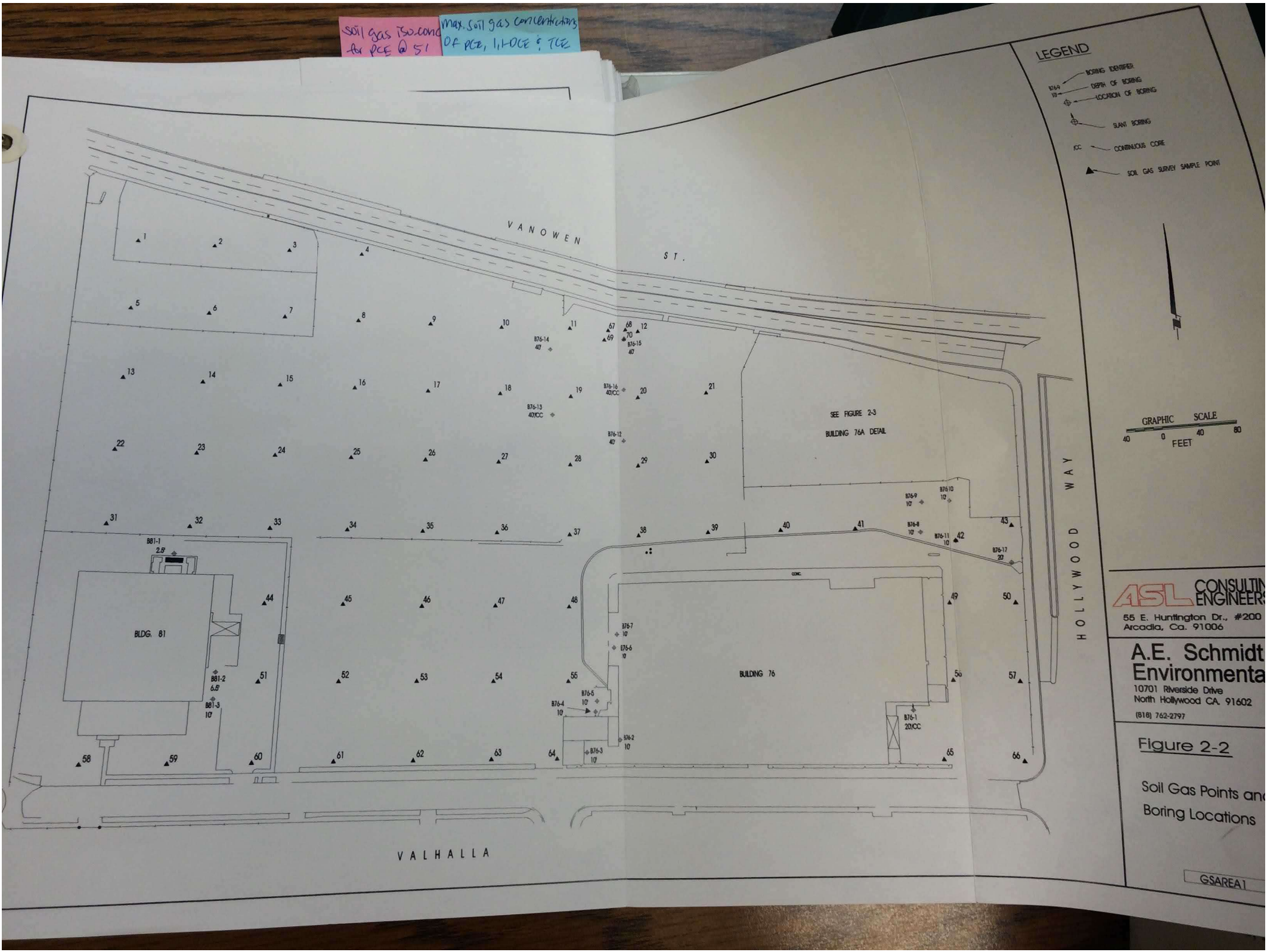
Soil samples were analyzed for metals and PCBs, petroleum hydrocarbons (TPH), and for volatile organic compounds (VOCs). The principal chemicals identified in the soil samples were diesel fuel, oil, and PCE. TPH (fuels and oils) was generally confined to the shallow subsurface at depth of 10 feet or less and was found almost exclusively in the area around Building 76A. Only one boring, B76A-46, showed significant levels of TPH at depths greater than 10 feet. In this boring, located at one of the dispenser islands, petroleum hydrocarbons were found at depths up to 25 feet.

Likewise, elevated VOC concentrations were generally limited to the shallow subsurface in the portion of Building 76A which included the underground storage tanks and the piping and dispensing systems. Boring 76A-46 contained the highest concentrations of VOCs, which were detected at this location to a depth of 25 feet. The areas of the plant which contained elevated levels of VOCs generally conformed with the areas where product dispensing, storage, and surface spills had occurred.

Following completion of the subsurface soil investigation and the demolition of Building 76A, Lockheed was requested by the CRWQCB to complete a soil gas survey at the plant to ensure that no source areas had escaped detection during the previous investigations and to confirm the results of those investigations. This report documents the results of the soil gas survey undertaken to fulfill this requirement.

soil gas ISO. conc for PCE @ 5'

max. soil gas concentrations of PCE, 1,1-DCE & TCE



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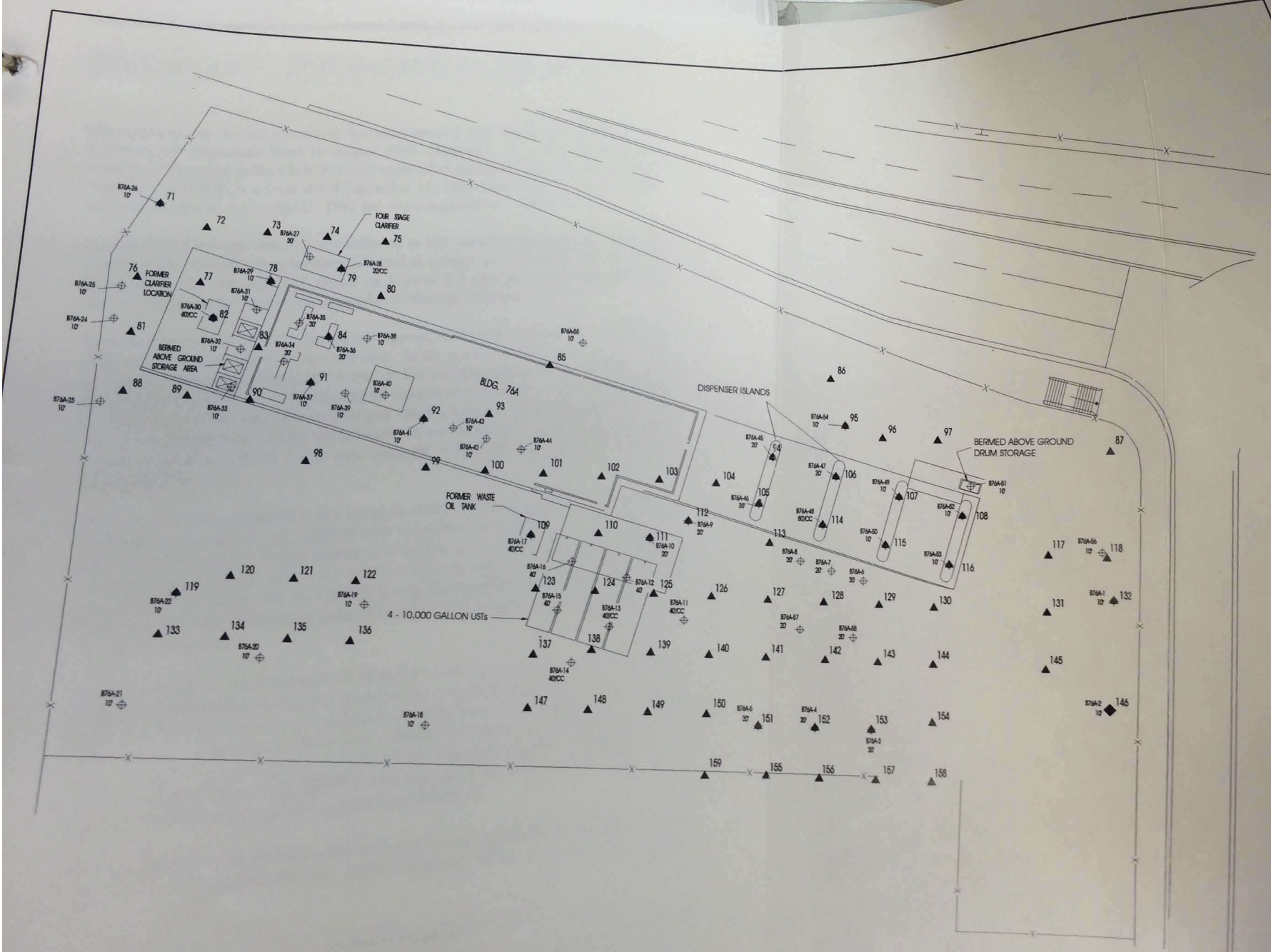
Figure 2-2

Soil Gas Points and Boring Locations

GSAREA1

Soil gas ISO. conc for PCE @ 5'

Max. Soil gas concentrations of PCE, 1,1-DCE & TCE



LEGEND

B76A-1 10' — BORING IDENTIFIER / DEPTH OF BORING / LOCATION OF BORING

SLANT BORING

CC — CONTINUOUS CORE

SOIL GAS SURVEY SAMPLE

GRAPHIC SCALE

20 0 20

FEET

ASL CONSU ENGIN

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Figure 2-3

Soil Gas Points an Boring Locations

soil gas iso-conc for PCE @ 5'

max. soil gas concentrations of PCE, 1,1-DCE & TCE

SECTION 3.0 SOIL GAS SURVEY DESCRIPTION

The workplan for this soil gas survey was completed by ASL Consulting Engineers and Converse Environmental West in August 1993 (Appendix A). The workplan was submitted for review to the CRWQCB and approval to implement the plan was received from the CRWQCB in a letter dated September 15, 1993 (Appendix B). Field sample collection began on September 23, 1993 and was completed on October 15, 1993.

A total of 181 soil gas samples were collected at 159 sampling locations as part of this investigation. Initially, samples were collected at a depth of 5 feet from the 158 points identified in the workplan and shown on Figures 2-2 and 2-3. This sampling was performed during the period from September 23 through October 7, 1993.

In areas where chemicals were known or suspected in the soil, primarily in the Building 76A area, a grid spacing of 20 feet was used. In the remaining areas of the plant, a grid spacing of 100 feet was employed. A total of 109 soil gas samples were collected in the Building 76A area of the plant, including 89 samples at a depth of 5 feet and 20 samples at depths from 10-25 feet. Twenty foot grid spacing samples were also collected in the area of the former auto salvage yard, located in the north-central portion of the plant. Five samples at a depth of 5 feet were collected in this area (samples SG-12, SG-67 through SG-70).

The data collected at depths of 5 feet during the initial sampling round were reviewed by Lockheed representatives and the CRWQCB and points were identified at which soil gas samples were desired at deeper depths or at additional locations. A second round of sampling was performed on October 13-15, 1993, following agreement on the scope of work between Lockheed and the CRWQCB in a meeting held October 12, 1993. Table 3-1 shows the points which were selected for additional sampling, sampling depths, and rationale for selection.

Sampling depths for the second round of samples were generally selected at 20 feet to evaluate whether chemicals found in the subsurface, which had been identified in borings and shallow soil gas samples, had migrated vertically to any substantial depth. Samples in the vicinity of the former USTs were collected at a depth of 25 feet to ensure that samples were collected in native soil beneath the imported backfill material which was placed at depths of up to 15-20 feet following removal of the tanks. A few samples were collected at 10 foot depths at the request of the CRWQCB.

Soil gas samples were collected and analyzed by the methodology described in the approved workplan (Appendix A). Daily instrument calibrations and quality control

checks were performed prior to beginning sample collection and following collection of the last sample each day. The data were tabulated and plotted on a daily basis to track progress and to identify any anomalies or possible problems. Several field meetings were held with CRWQCB representative, Mr. Alex Carlos, during the duration of the survey to ensure that data collection and analysis procedures conformed with CRWQCB protocol and that data quality were adequate. Field data collection proceeded smoothly throughout the survey duration and no unusual problems were encountered. In all cases, target sample depths were achieved and acceptable samples were collected at all planned sample locations.

TABLE 3-1

Sampling Locations and Rationale for Round 2 Soil Gas Samples

Location	Depth	Description
SG-4	10'	Elevated VOC concentrations found in 5' soil gas samples.
SG-12	10'	Area of former auto salvage yard
SG-79	20'	Former clarifier location
SG-82	20'	Former clarifier location
SG-83	10', 20'	Area of former below-grade hydraulic lifts
SG-84	20'	"
SG-91	20'	"
SG-92	20'	PCE found in soil samples from boring 76A-41.
SG-93	20'	PCE found in soil samples from boring 76A-42.
SG-102	20'	Elevated VOC concentrations found in 5' soil gas sample.
SG-105	20'	Former dispenser location near boring 76A-46. Elevated VOCs in soil samples to depth of 25'. Elevated VOCs in 5' soil gas sample.
SG-111	25'	Area of piping from former USTs to dispensing islands
SG-114	20'	Dispenser location with highest PCE concentration in 5' soil gas sample
SG-115	20'	Former dispenser location; elevated VOCs in 5' soil gas sample
SG-124	25'	Area of former USTs
SG-125	25'	"
SG-127	20'	Surface PCE spill area; elevated VOCs in 5' soil gas sample
SG-138	25'	Area of former USTs
SG-146	20'	Area of above-ground temporary PCE storage tank where possible surface spills occurred.
SG-150	20'	Surface PCE spill area; elevated VOCs in 5' soil gas sample
SG-158	20'	"
SG-159	5'	5' sample added to delineate southern boundary of surface spill area.

SECTION 4.0 SOIL GAS SURVEY RESULTS

4.1 Data Validation

The quality control data provided by the mobile laboratory were reviewed to ensure that calibrations and quality control checks were performed as required on a daily basis and that the results of the QC checks were within the criteria stipulated by the RWQCB. The quality control checks performed by the laboratory included a daily 1-point GC calibration, daily pre- and post-analysis QC checks, daily pre- and post-analysis syringe/system blanks, daily pre- and post-analysis ambient air blanks, and duplicate analyses. Table 4-1 summarizes the quality control data for the soil gas survey.

TABLE 4-1
Summary of Quality Control Data

Date	1 Point Calibration		QC Check (% recovery)		Syringe/System Blank	
	# of Comp.	% diff.	AM	PM	AM	PM
9-23-93	17	0-13	83-120	89-119	ND	ND
9-24-93	15	0-14	91-119	87-111	ND	ND
9-27-93	15	3-14	81-115	87-120	ND	ND
9-28-93	16	0-15	80-120	88-119	ND	ND
9-29-93	15	1-14	87-117	81-115	ND	ND
9-30-93	15	0-14	88-120	90-117	ND	ND
10-1-93	16	0-14	88-119	80-118	ND	ND
10-4-93	13	4-14	92-111	80-98	ND	ND
10-5-93	13	0-11	87-121	80-110	ND	ND
10-6-93	11	0-14	84-116	82-107	ND	ND
10-7-93	12	0-11	82-121	82-109	ND	ND
10-13-93	16	0-14	89-118	82-120	ND	ND
10-14-93	11	1-13	82-101	85-115	ND	ND
10-15-93	12	0-13	80-120	80-118	ND	ND

# of Comp.: *The number of compounds used for the daily 1-point calibration. RWQCB requirement is for a minimum of 9 compounds; 6 chlorinated and 3 aromatics.*

% diff.: *The range of % differences of the instrument response factors, computed from the daily 1-point calibration, from the mean response factors computed from the initial, or 5-point, calibration. RWQCB requirement is that the daily 1-point calibration be within 15% of the mean.*

QC Check (% recovery): *The observed recovery of compounds from a standard, expressed as a percentage of their known concentrations. RWQCB requirement is recovery within $\pm$ 20% of the known concentration.*

ND: *No compounds detected in the blank.*

Ambient air samples were also collected each day before beginning any soil gas data collection and at the end of each day after completion of analysis of the last soil gas sample. Compounds which were detected in ambient air samples include Trichlorofluoromethane (FCC-11), 1,1,1-Trichloroethane (1,1,1-TCA), and Tetrachloroethene (PCE). CFC-11 was found in 27 of 28 ambient air samples at concentrations ranging from 0.002 - 0.008 ug/l. 1,1,1-TCA was detected in 18 of 28 ambient air samples at concentrations ranging from 0.004 - 0.085 ug/l. PCE was detected in 22 of 28 ambient air samples at concentrations ranging from 0.002 - 0.02 ug/l. Similar concentrations of these compounds found in shallow soil gas samples may be partially due to diffusion from the atmosphere and may not be indicative of the presence of chemicals in the subsurface.

Duplicate analyses were performed on 10 of the 181 samples. Table 4-2 shows the results of the analyses performed on duplicate samples and demonstrates that repeatable results were obtained during the duration of the soil gas survey.

TABLE 4-2
Summary of Duplicate Analysis Results
(concentrations in ug/l)

POINT	DATE	1,1-DCE	PCE	1,1,1-TCA	TCE	CFC-11
SG-11A SG-11	10-4-93		3 3.8	0.16 0.17	0.35 0.39	0.072 0.074
SG-36A SG-36	10-6-93		0.027 0.029	0.061 0.061		0.006 0.006
SG-39A SG-39	10-1-93	2.7 3.4	2.5 1.5		0.094 0.067	
SG-50A SG-50	10-5-93		1.1 1.3	0.019 0.016	0.045 0.055	0.007 0.009
SG-74A SG-74	9-29-93	4.7 6.1	0.89 1		0.071 0.075	
SG-121A SG-121	9-30-93	2.9 4.4	9.1 9			0.4 0.4
SG-129A SG-129	9-24-93	2.7 3.4	48 43	2 3.3		0.42 0.4
SG-130A SG-130	9-24-93		3.9 3.5			
SG-148A SG-148	9-28-93	2.1 2.4	4.2 4		0.13 0.11	
SG-124-25'A SG-124-25'	10-13-93	3.1 3	16 12	1.1 0.84	1.6 1.3	0.57 0.53

The results of the quality control data review indicate that quality control procedures were followed properly by Interphase. The required quality control checks were performed daily and the results were within the criteria specified by the RWQCB. Therefore, the data are considered acceptable and no data have been rejected based on a lack of adequate quality control in the mobile laboratory.

4.2 Chemicals Detected in Soil Gas at Plant A-1 South

Soil gas samples were analyzed for the standard list of 22 chlorinated and aromatic compounds required by the RWQCB for all soil gas surveys. Four additional compounds were also added to the list including total volatile hydrocarbons (TVH), acetone, methyl ethyl ketone (MEK), and methyl isobutyl ketone (MIBK). These compounds were added for Plant A-1 South because they had been previously detected in soil samples at the plant or because of their historical use by Lockheed.

Only seven chemicals were detected in the 181 soil gas samples collected during this soil gas survey. Tables 4-3 and 4-4 show the chemicals which were detected in the samples from the five foot depth and in the deeper samples collected at depths of 10-25 feet. Copies of the analytical report from Interphase are included in Appendix C.

PCE was the most commonly detected chemical and was also detected at the highest concentrations. PCE was detected in 179 of the 181 samples analyzed with a maximum concentration of 2200 ug/l. The second most commonly detected chemical was 1,1-Dichloroethene (1,1-DCE). 1,1-DCE was detected in 125 of the 181 samples at a maximum concentration of 14.4 ug/l. TCE was detected in 93 of the 181 samples with a maximum concentration of 280 ug/l. The distribution of these chemicals in soil gas samples from the plant is discussed in Section 4.3.

1,1,1-TCA and CFC-11 were also detected in a large percentage of the samples. However, the average concentrations detected were substantially lower than for PCE, TCE, or 1,1-DCE, and their presence in the soil gas at low concentrations may be partially attributable to their presence in ambient air in this area.

The only other chemicals detected were carbon tetrachloride and vinyl chloride. Carbon tetrachloride was detected in a total of 4 samples and vinyl chloride was detected in a total of 2 samples. The maximum concentration of carbon tetrachloride was 0.011 ug/l and it was found only along the northwestern boundary of the plant (SG-2, SG-3, and SG-4). Vinyl chloride was detected at concentrations of 2.3 ug/l and 1.9 ug/l in two of the 25 foot samples collected in the area of the former underground storage tanks near Building 76A (SG-124 and SG-138).

TABLE 4-3
Compounds Detected in Soil Gas Samples from 5' Depth
(concentrations in ug/l)

Compound	# of Tests	# of Times Detected	Average Concentration	Maximum Concentration	Point of Max. Concentration
CCl4	159	3	NA	0.011	SG-4
1,1-DCE	159	111	2.89	7	SG-124
PCE	159	157	39.86	2200	SG-114
1,1,1-TCA	159	63	0.82	6.4	SG-155
TCE	159	74	3.57	57	SG-105
CFC-11	159	110	0.21	0.82	SG-138

CCl4: Carbon Tetrachloride
1,1,1-TCA: 1,1,1-Trichloroethane
1,1-DCE: 1,1-Dichloroethene
TCE: Trichloroethene
PCE: Tetrachloroethene
CFC-11: Trichlorofluoromethane

TABLE 4-4
Compounds Detected in Soil Gas Samples from 10'-25' Depths
(concentrations in ug/l)

Compound	# of Tests	# of Times Detected	Average Concentration	Maximum Concentration	Point of Max. Concentration
CCl4	22	1	NA	0.015	SG-4-10'
1,1-DCE	22	14	3.93	14.4	SG-114-20'
PCE	22	22	24.42	190	SG-105-20'
1,1,1-TCA	22	12	0.54	1.4	SG-125-25'
TCE	22	19	17.69	280	SG-105-20'
CFC-11	22	10	0.45	0.94	SG-111-25'
Vinyl Chloride	22	2	NA	2.3	SG-138-25'

4.3 Distribution of Chemicals Detected in Soil Gas at Plant A-1 South

Elevated concentrations of the chemicals detected in soil gas at the plant, including principally PCE, TCE, and 1,1-DCE, were identified primarily in the northeastern portion of the plant. As discussed in Section 2.0, this area of the plant was formerly occupied by a vehicle maintenance, fueling, and bulk PCE handling facility (Building 76A) which included underground storage tanks, piping, dispensers, clarifiers, and hydraulic lifts. The previous site investigation at the plant had identified this area as having elevated levels of TPH and VOCs in the shallow soil samples.

The highest concentrations of PCE and TCE were detected in the soil gas samples in the vicinity of the former dispenser islands and in the area directly south of the islands. This area was identified in the Plant A-1 South EA as an area where several PCE surface spills reportedly occurred in the 1970s and 1980s during product transfer operations from the underground storage tanks to the tanker trucks used to distribute PCE to the Burbank facilities.

Table 4-5 summarizes the soil gas data for each 5 foot depth soil gas point. Table 4-6 summarizes the data for soil gas samples collected at depths of 10-25 feet. Figures 4-1 through 4-8 show the concentrations for PCE, TCE, 1,1,1-TCA and 1,1-DCE across the plant. The distribution of total VOCs in soil gas at the plant is shown on Plate 1.

TABLE 4-5

Summary of Soil Gas Analytical Results for 5' Depths

(Concentrations in ug/l)

POINT	1,1-DCE	PCE	1,1,1-TCA	TCE	CFC-11	Total VOCs
SG-1		0.035	0.038		0.006	0.1
SG-2	1.9	0.24	0.023	0.13	0.005	2.3
SG-3	1.5	5.5	0.043	1.1	0.14	8.3
SG-4	1.2	7.7	0.044	1.5	0.17	10.6
SG-5	2.8	0.079	0.008	0.01	0.004	2.9
SG-6		0.15	0.012	0.025	0.012	0.2
SG-7	2.0	0.6	0.005	0.19	0.031	2.8
SG-8	1.4	2.4		0.33	0.03	4.2
SG-9	2.1	3.9	0.1	0.7	0.092	6.9
SG-10	2.0	8.6	0.16	1.2	0.14	12.1
SG-11		3.8	0.17	0.39	0.074	4.4
SG-12	2.1	5.8		0.16	0.034	8.1
SG-13	2.4	0.033				2.4
SG-14		0.019			0.004	0.0
SG-15		0.11				0.1
SG-16	1.7	0.29		0.062	0.013	2.1
SG-17	1.6	0.74		0.13	0.024	2.5
SG-18	1.8	1.1		0.13	0.021	3.1
SG-19		1.2	0.26	0.1	0.023	1.6
SG-20		2.3	0.11	0.08	0.033	2.5
SG-21		1.5			0.023	1.5
SG-22	1.9	0.005			0.003	1.9
SG-23	2.0	0.005			0.003	2.0
SG-24	1.3	0.008			0.004	1.3
SG-25	2.4	0.016			0.004	2.4
SG-26	1.5	0.037			0.007	1.5
SG-27	1.5	0.067			0.006	1.6
SG-28	1.9	0.52	0.32		0.01	2.8
SG-29		0.76	0.13		0.013	0.9
SG-30	3.8	2.7		0.11		6.6
SG-31	1.5	0.008	0.006		0.007	1.5

TABLE 4-5 (Cont.)
Summary of Soil Gas Analytical Results for 5' Depths
(Concentrations in ug/l)

POINT	1,1-DCE	PCE	1,1,1-TCA	TCE	CFC-11	Total VOCs
SG-32	1.4	0.005	0.005		0.007	1.4
SG-33	1.3	0.008	0.002		0.004	1.3
SG-34	1.6	0.015	0.016		0.005	1.6
SG-35		0.005	0.005		0.004	0.0
SG-36		0.029	0.061		0.006	0.1
SG-37		0.3	0.39		0.01	0.7
SG-38	2.2	0.67				2.9
SG-39	2.7	2.5		0.094		5.3
SG-40	6.9	7.6		0.2		14.7
SG-41	3.2	12			0.32	15.5
SG-42	2.7	27			0.34	30.0
SG-43	3.5	12			0.32	15.8
SG-44	1.6	0.002			0.003	1.6
SG-45	1.8	0.003	0.004		0.004	1.8
SG-46	2.4	0.003	0.005		0.004	2.4
SG-47	2.2	0.015	0.055		0.006	2.3
SG-48		0.12	0.42			0.5
SG-49	1.7	0.16				1.9
SG-50		1.3	0.016	0.055	0.009	1.4
SG-51	2.3	0.003	0.011		0.003	2.3
SG-52	2.0	0.004	0.009		0.004	2.0
SG-53	1.9	0.004	0.01		0.005	1.9
SG-54	2.6	0.006	0.041		0.005	2.7
SG-55	1.4	0.066	0.52			2.0
SG-56		1.5	0.026	0.023	0.02	1.6
SG-57		0.28	0.012	0.018	0.012	0.3
SG-58	2.3		0.008		0.003	2.3
SG-59	1.4		0.006		0.002	1.4
SG-60	1.8	0.002	0.014		0.004	1.8
SG-61		0.004	0.01		0.003	0.0
SG-62	1.8	0.003	0.011		0.004	1.8
SG-63	5.6	0.004	0.026		0.003	5.6
SG-64	1.5	0.045	0.42			2.0
SG-65		0.54			0.039	0.6
SG-66		0.71	0.024		0.027	0.8
SG-67	1.5	0.63			0.02	2.2
SG-68	1.6	1.1			0.029	2.7
SG-69		0.37			0.013	0.4
SG-70		0.67	0.032	0.074	0.026	0.8
SG-71		0.93				0.9
SG-72		1.8		0.068		1.9
SG-73	4.5	2.3		0.13		6.9
SG-74	6.1	1		0.075		7.2

TABLE 4-5 (Cont.)
Summary of Soil Gas Analytical Results for 5' Depths
(Concentrations in ug/l)

POINT	1,1-DCE	PCE	1,1,1-TCA	TCE	CFC-11	Total VOCs
SG-75	2.5	1		0.066		3.6
SG-76	2.5	0.78			0.016	3.3
SG-77	3.6	1.9		0.051		5.6
SG-78	2.7	0.87		0.059		3.6
SG-79		3		0.25		3.3
SG-80	2.9	8.5		1		12.4
SG-81	3.7	0.93				4.6
SG-82	4.2	0.68				4.9
SG-83	2.1	5.7		0.14		7.9
SG-84	3.8	8.3		1.3		13.4
SG-85	2.9	1.8		0.077		4.8
SG-86		21	1.9	0.74	0.28	23.9
SG-87		9.3				9.3
SG-88		0.13	0.008		0.004	0.1
SG-89	3.6	0.2	0.01			3.8
SG-90	3.5	0.55				4.1
SG-91	4.1	0.94		0.072		5.1
SG-92	4.1	2.9		0.14		7.1
SG-93	2.2	35		0.97	0.29	38.5
SG-94		34	3.4	2.6	0.76	40.8
SG-95		15	2.2		0.27	17.5
SG-96	3.7	21	1.5	0.6	0.3	27.1
SG-97		5.3	1.4		0.27	7.0
SG-98	4.9	4.5		0.18		9.6
SG-99	3.9	32		1.1	0.36	37.4
SG-100		14			0.44	14.4
SG-101		56		3	0.46	59.5
SG-102		90		6.7	0.53	97.2
SG-103	2.0	65		14	0.43	81.4
SG-104		120		56	0.4	176.4
SG-105		250		57		307.0
SG-106		10	3.3		0.68	14.0
SG-107		40			0.35	40.4
SG-108	2.4	15			0.36	17.8
SG-109	2.3	20			0.48	22.8
SG-110		9.3			0.38	9.7
SG-111	3.4	7.1			0.76	11.3
SG-112	2.4	9.1		2.1	0.7	14.3
SG-113	2.1	190	3.7	4.4	0.61	200.8
SG-114	2.7	2200		0.1		2202.8
SG-115		110				110.0
SG-116		11		0.17		11.2
SG-117		31	2.4		0.33	33.7

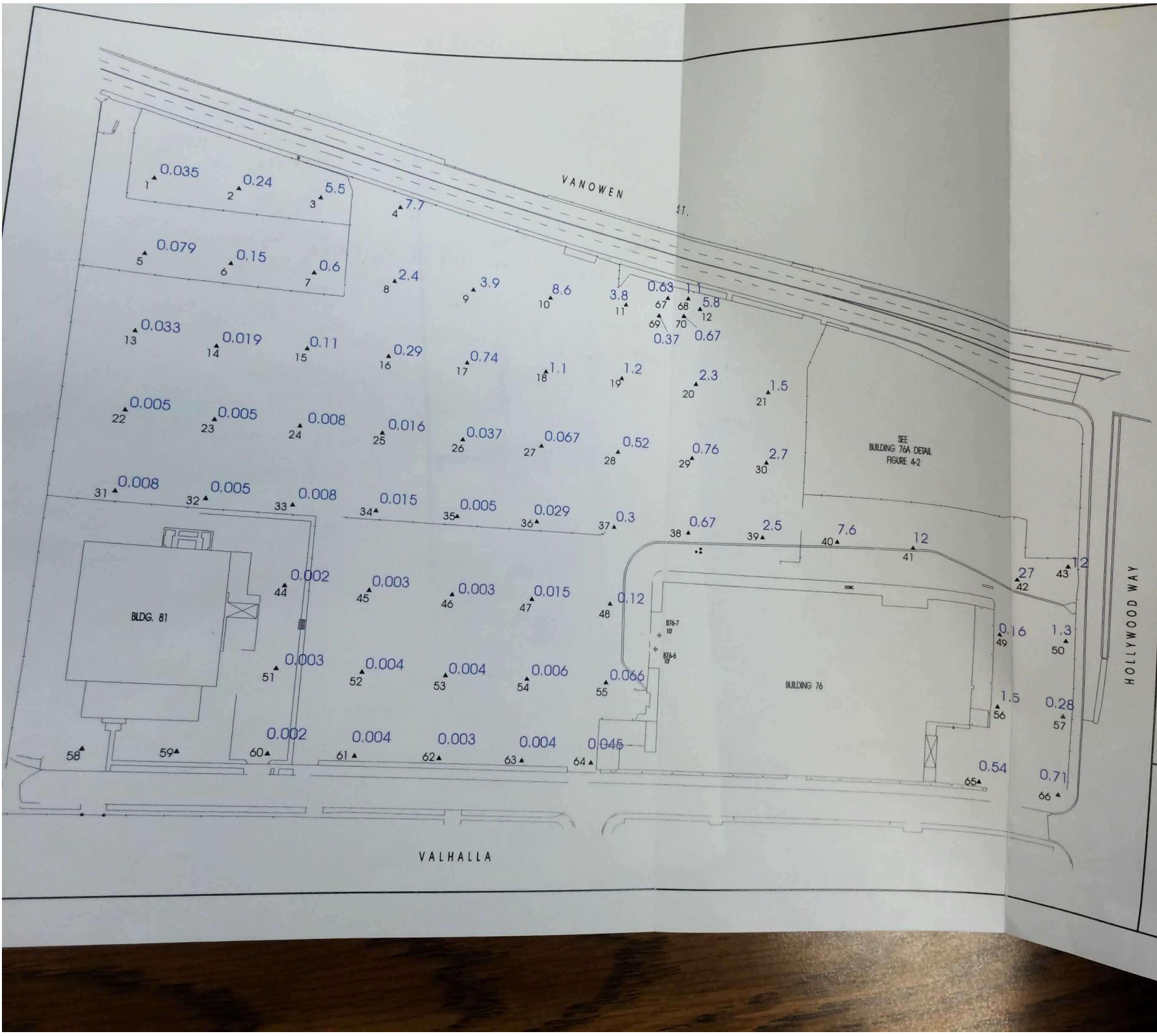
for PCE @ 5'

TABLE 4-6 (Revised)
Summary of Soil Gas Analytical Results for 10'-25' depths
(Concentrations in ug/l)

POINT	Lab Report Number	1,1-DCE	PCE	1,1,1-TCA	TCE	CFC-11	Vinyl Chloride	CCl4	Total VOCs
SG-4-10'	SG01-10'		7.5	0.064	1.7	0.24		0.015	9.52
SG-12-10'	SG02-10'	2.7	0.74			0.013			3.45
SG-79-20'	SG04-20'	2.1	3.1		0.26				5.46
SG-82-20'	SG09-20'	1.3	0.84						2.14
SG-83-10'	SG08-10'	2.1	4.2						6.30
SG-83-20'	SG08-20'		5.9		0.16				6.06
SG-84-20'	SG06-20'	2.4	10		0.92				13.32
SG-91-20'	SG07-20'	3.1	2.3		0.1				5.50
SG-92-20'	SG18-20'		7.1	0.048	0.47				7.62
SG-93-20'	SG19-20'		2.4		0.23				2.63
SG-102-20'	SG14-20'	12	6.3	0.87	1.6	0.27			21.04
SG-105-20'	SG12-20'	2.3	190		280	0.86			473.16
SG-111-25'	SG16-25'	2	54	0.59	11	0.94			68.53
SG-114-20'	SG10-20'	14.4	54	0.6	2	0.81			71.81
SG-115-20'	SG13-20'	2.6	19	0.72	1.1	0.38			23.80
SG-124-25'	SG22-25'	3.1	16	1.1	1.6	0.57	1.9		24.27
SG-125-25'	SG17-25'	2.7	57	1.4	5.2				66.30
SG-127-20'	SG11-20'	2	140		9.2	1.0			152.20
SG-138-25'	SG15-25'	1.4	18			0.43	2.3		22.13
SG-146-20'	SG20-20'		1.1						1.1
SG-150-20	SG23-20'		3.8	0.016	0.23				4.05
SG-158-20'	SG24-20'	1.3	6.2	0.055	0.53				8.09

Notes: 1. Lab Report Numbers correspond to labeling convention used on Tables 12-14 in Appendix C.

2. Values listed only for compounds detected above individual detection limits. See laboratory reports for comprehensive list of analytes and detection limits.



LEGEND

3.5 — PCE CONCENTRATION (ug/L)

SOIL GAS SURVEY SAMPLE PO

43 — SOIL GAS POINT #

Note: For points where no concentrat are shown, the concentrations are less than the detection limit.

GRAPHIC SCALE
40 0 40 80
FEET

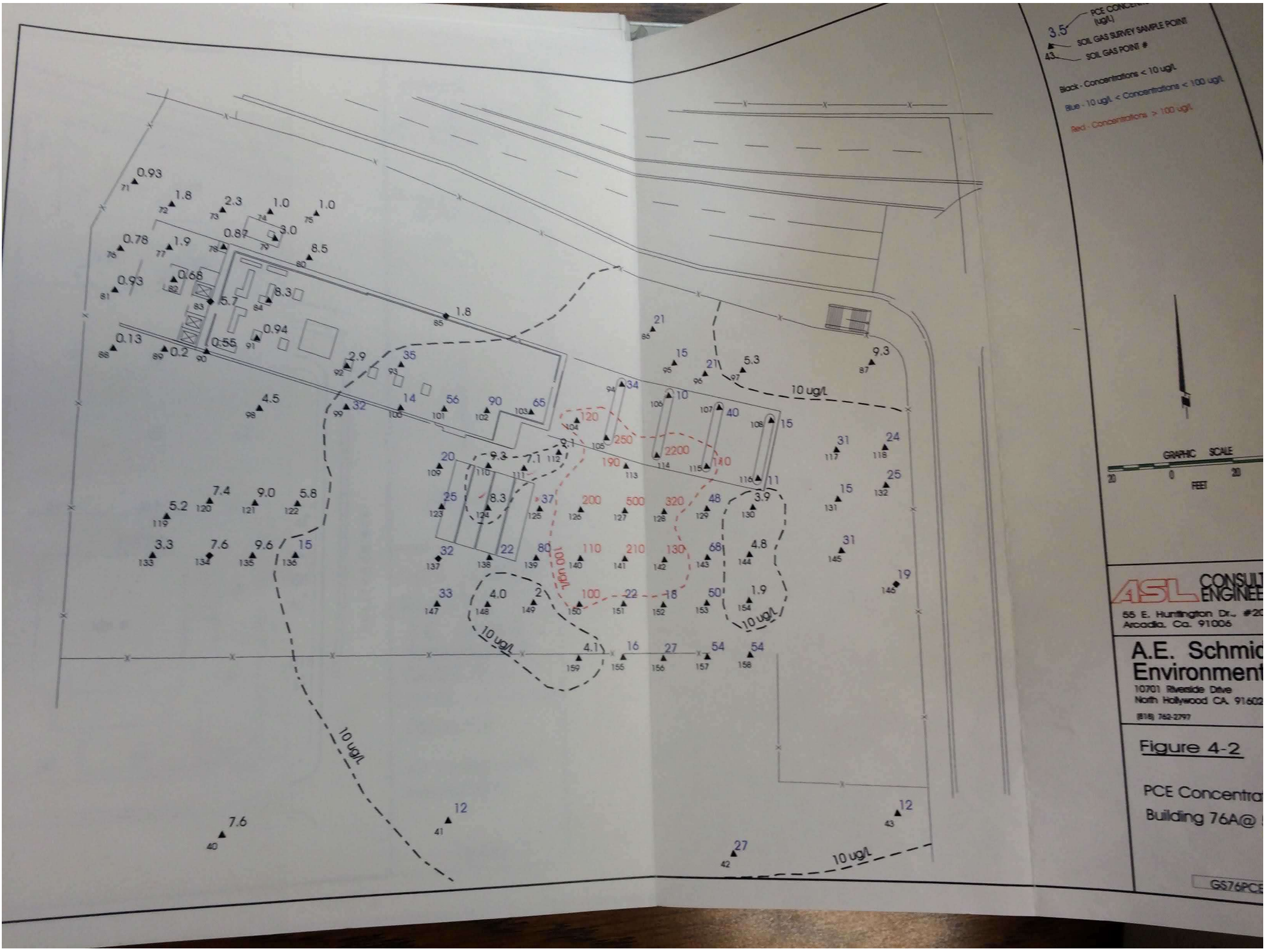
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Arcadia, Ca. 91006

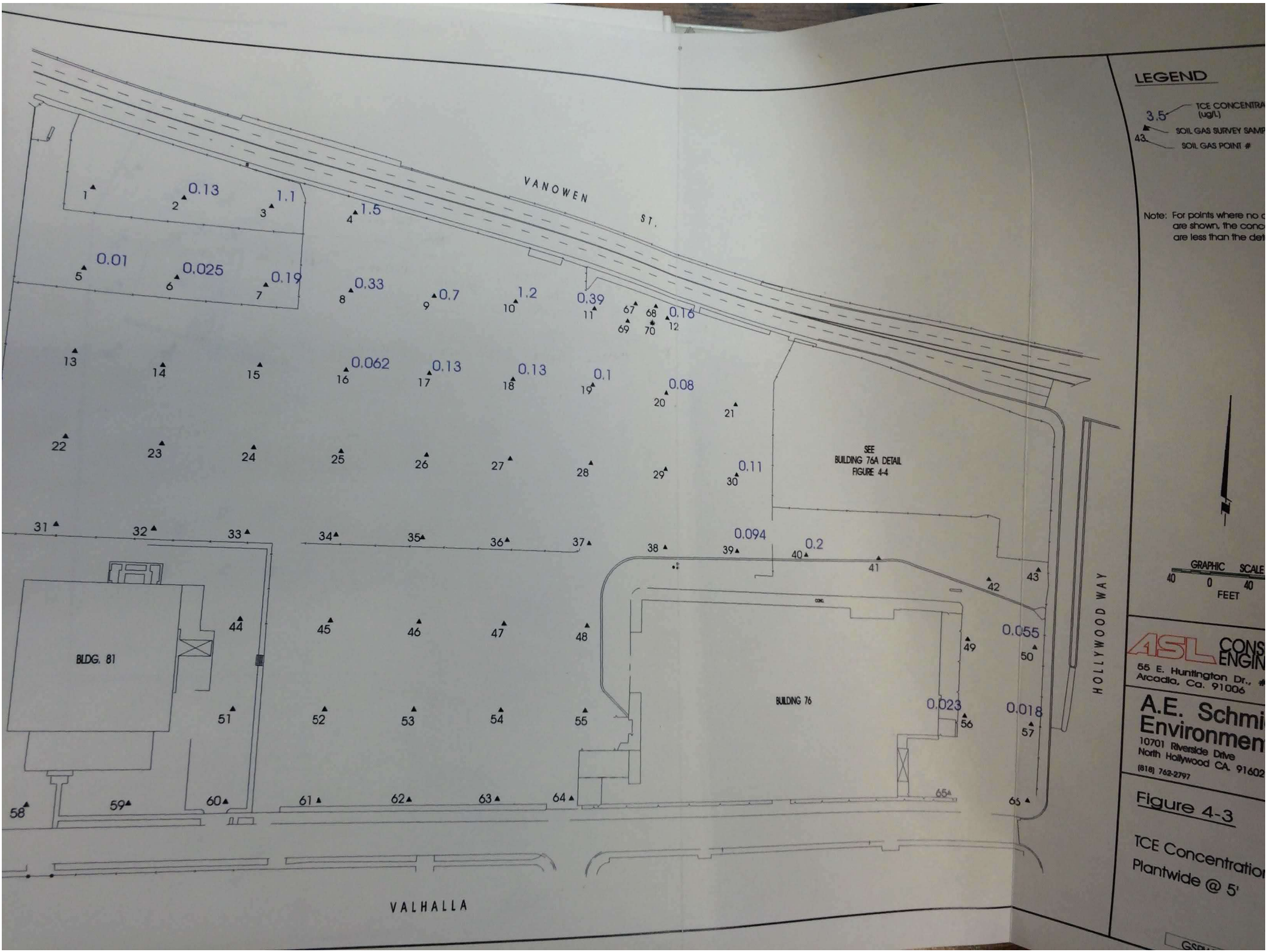
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North Hollywood CA. 91602
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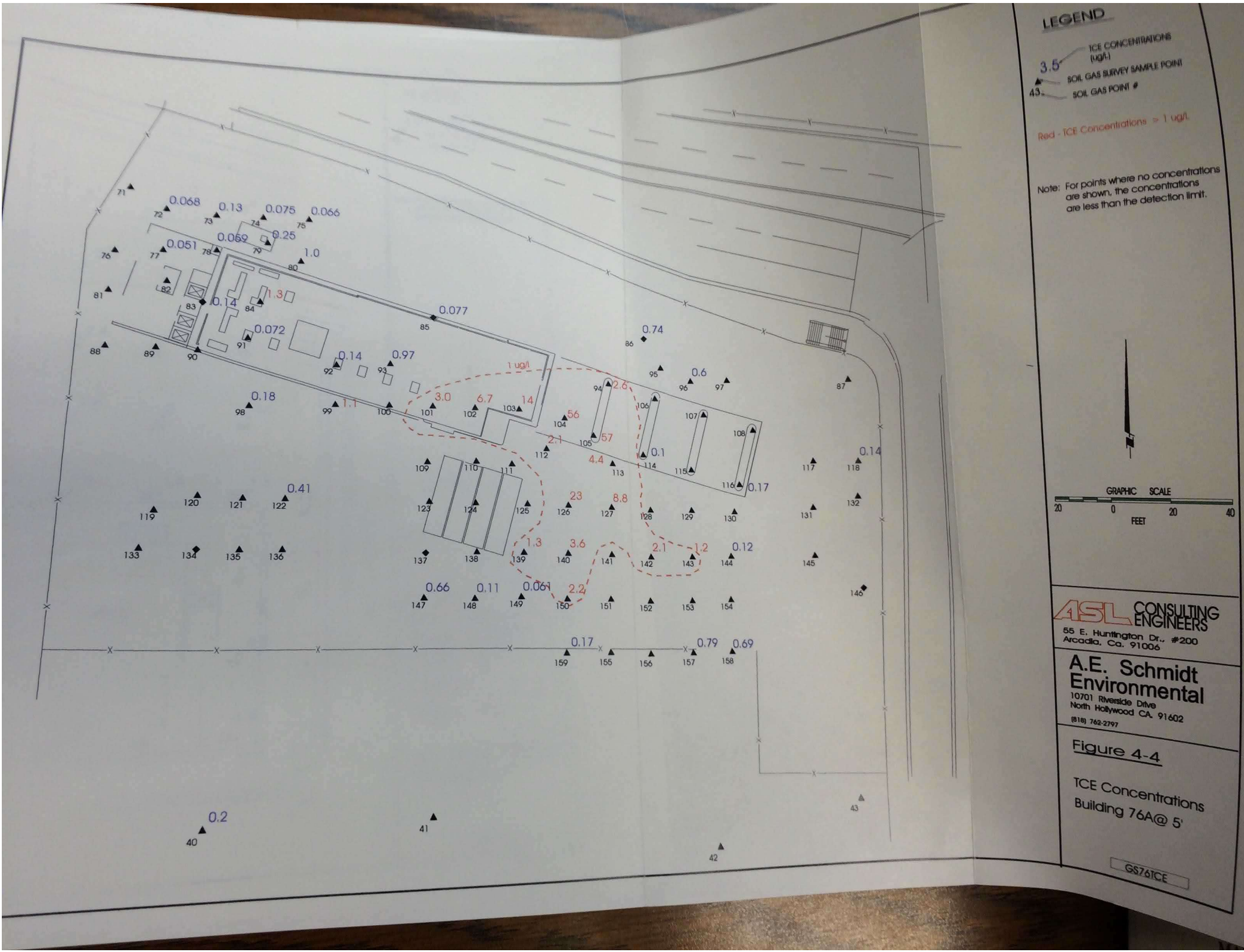
Figure 4-1

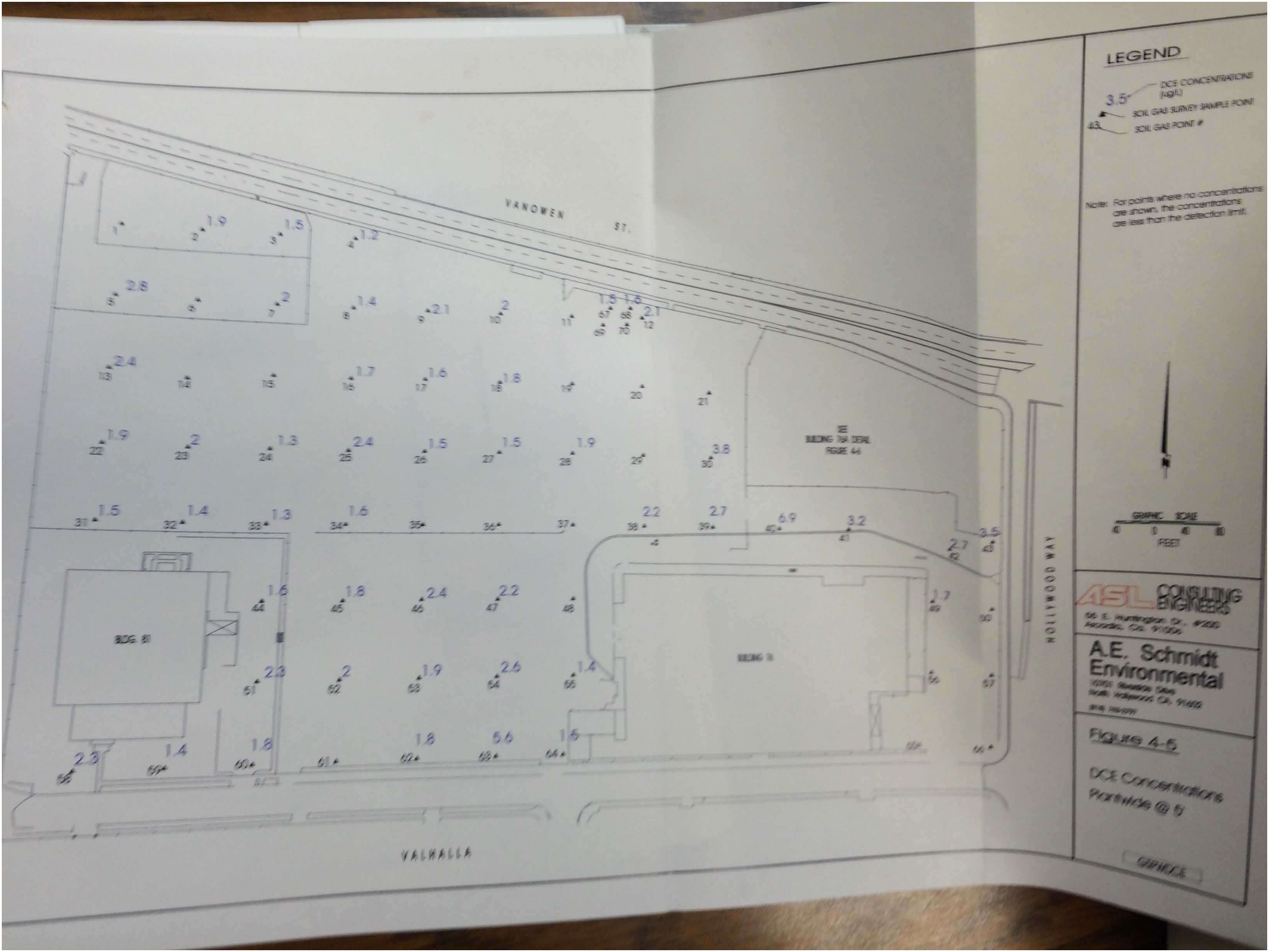
PCE Concentrations Plantwide @ 5'

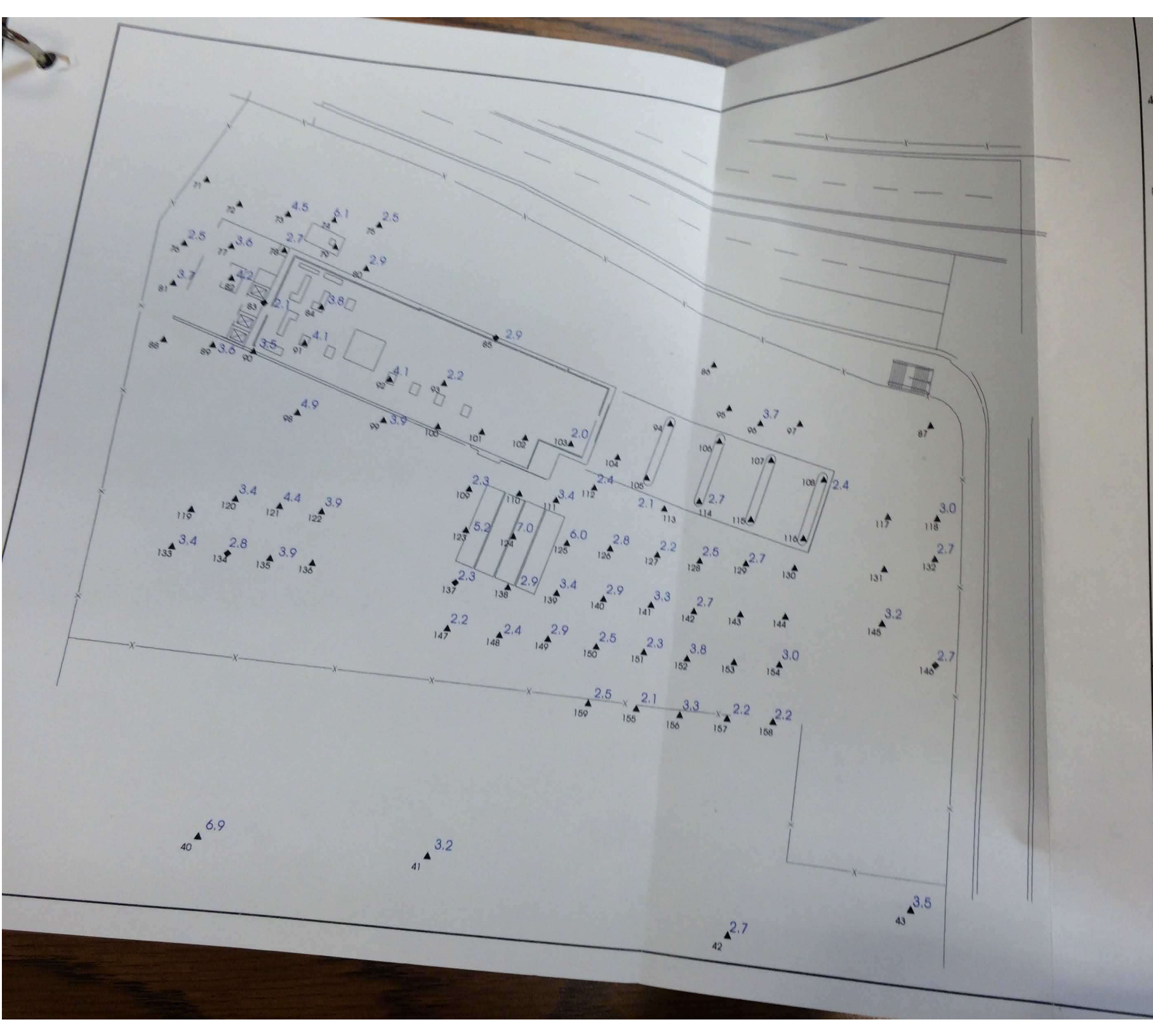
GSPWPCE


3.5 PCE CONCENTRATION (ug/L)
SOIL GAS SURVEY SAMPLE POINT
43 SOIL GAS POINT #
Black - Concentrations < 10 ug/L
Blue - 10 ug/L < Concentrations < 100 ug/L
Red - Concentrations > 100 ug/L
GRAPHIC SCALE
20 0 20
FEET
10 ug/L
100 ug/L
ASL CONSULT ENGINEE
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Arcadia, Ca. 91006
A.E. Schmic
Environment
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North Hollywood CA. 91602
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Figure 4-2
PCE Concentra
Building 76A@
GS76PCE


VANOWEN ST.
VALHALLA
HOLLYWOOD WAY
BLDG. 81
BUILDING 76
SEE BUILDING 76A DETAIL FIGURE 4-4
1
2 0.13
3 1.1
4 1.5
5 0.01
6 0.025
7 0.19
8 0.33
9 0.7
10 1.2
11 0.39
67
68
69
70
12 0.16
13
14
15
16 0.062
17 0.13
18 0.13
19 0.1
20 0.08
21
22
23
24
25
26
27
28
29
30 0.11
31
32
33
34
35
36
37
38
39 0.094
40 0.2
41
42
43
44
45
46
47
48
49
50 0.055
51
52
53
54
55
56 0.023
57 0.018
58
59
60
61
62
63
64
65A
65
LEGEND
3.5 TCE CONCENTRA (ug/L)
SOIL GAS SURVEY SAMP
43 SOIL GAS POINT #
Note: For points where no c are shown, the conc are less than the det
GRAPHIC SCALE
40 0 40
FEET
ASL CONS ENGIN
55 E. Huntington Dr., # Arcadia, Ca. 91006
A.E. Schmi Environmen
10701 Riverside Drive
North Hollywood CA. 91602
(818) 762-2797
Figure 4-3
TCE Concentratio Plantwide @ 5'


LEGEND
3.5 TCE CONCENTRATIONS (ug/L)
SOIL GAS SURVEY SAMPLE POINT
43 SOIL GAS POINT #
Red - TCE Concentrations > 1 ug/L
Note: For points where no concentrations are shown, the concentrations are less than the detection limit.
1 ug/L
GRAPHIC SCALE
20 0 20 40
FEET
ASL CONSULTING ENGINEERS
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Arcadia, Ca. 91006
A.E. Schmidt Environmental
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North Hollywood CA. 91602
(818) 762-2797
Figure 4-4
TCE Concentrations
Building 76A@ 5'
GS76TCE


LEGEND
3.5 DCE CONCENTRATIONS (ug/L)
SOIL GAS SURVEY SAMPLE POINT
43 SOIL GAS POINT #
Note: For points where no concentrations are shown, the concentrations are less than the detection limit.
GRAPHIC SCALE
40 0 40 80
FEET
VANOWEN ST.
HOLLYWOOD WAY
VALHALLA
SEE BUILDING 79A DETAIL FIGURE 4A
BLDG. 81
BLDG. 79
ASL CONSULTING ENGINEERS
A.E. Schmidt Environmental
FIGURE 4-5
DCE Concentrations Portnoff @ 5'
GRAPHICS

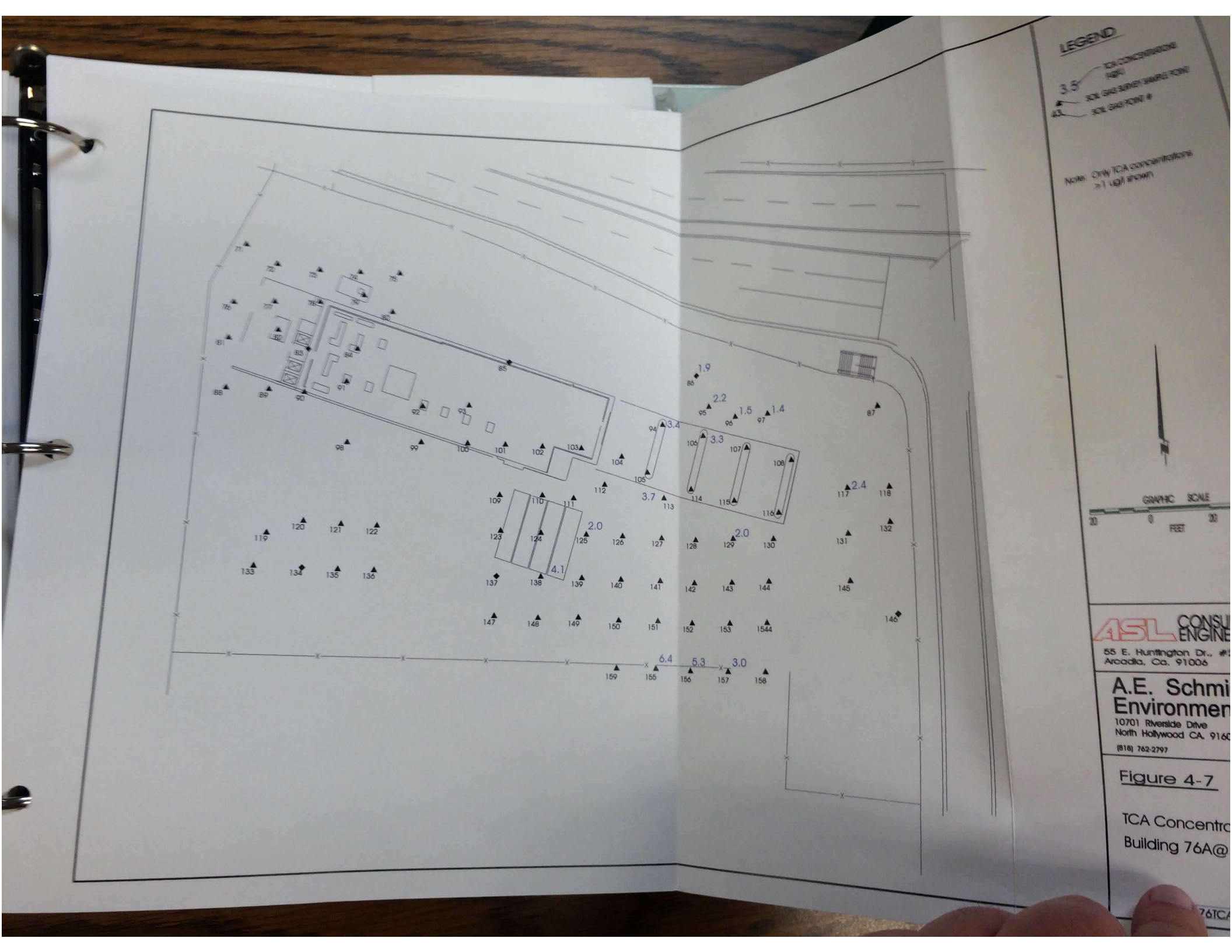


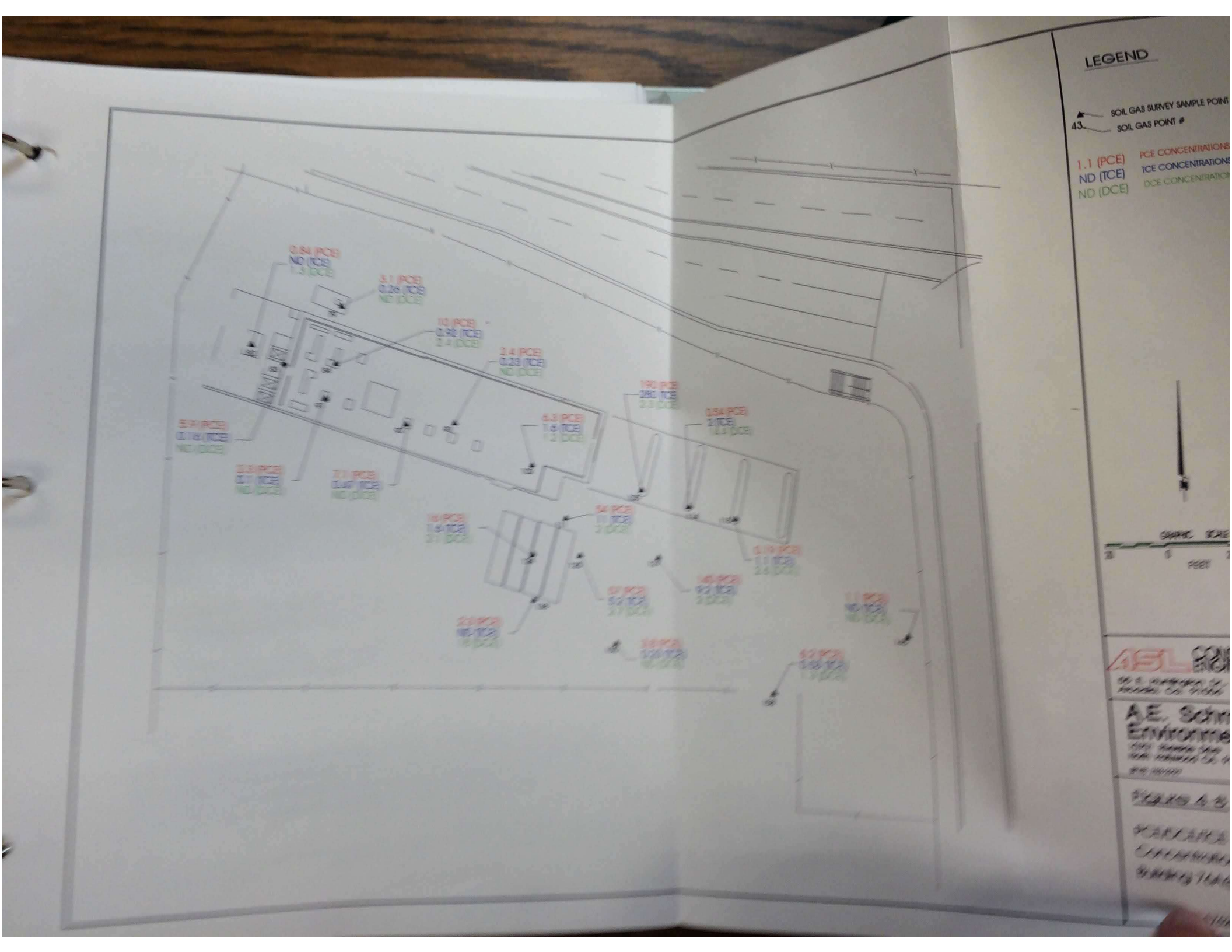
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Figure 4-6

DCE Concentrations
Building 76A@ 5'


LEGEND
3.5
43
Note: Only TCA concentrations >1 ug/l shown
GRAPHIC SCALE
20
0
20
FEET
ASL
55 E. Huntington Dr., #
Arcadia, Ca. 91006
A.E. Schmi
Environmen
10701 Riverside Drive
North Hollywood CA. 916
(818) 762-2797
Figure 4-7
TCA Concentra
Building 76A@


LEGEND
SOIL GAS SURVEY SAMPLE POINT
43
SOIL GAS POINT #
1.1 (PCE)
ND (TCE)
ND (DCE)
PCE CONCENTRATIONS
TCE CONCENTRATIONS
DCE CONCENTRATIONS
0.84 (PCE)
ND (TCE)
1.3 (DCE)
5.1 (PCE)
0.26 (TCE)
ND (DCE)
10 (PCE)
0.92 (TCE)
2.4 (DCE)
3.4 (PCE)
0.23 (TCE)
ND (DCE)
5.9 (PCE)
0.76 (TCE)
ND (DCE)
3.8 (PCE)
4.1 (TCE)
ND (DCE)
2.1 (PCE)
0.47 (TCE)
ND (DCE)
6.3 (PCE)
1.6 (TCE)
1.4 (DCE)
190 (PCE)
280 (TCE)
2.3 (DCE)
0.84 (PCE)
2 (TCE)
1.4 (DCE)
19 (PCE)
1.6 (TCE)
2.1 (DCE)
54 (PCE)
11 (TCE)
2 (DCE)
5.19 (PCE)
1.1 (TCE)
2.6 (DCE)
97 (PCE)
5.7 (TCE)
2.7 (DCE)
40 (PCE)
9.2 (TCE)
2 (DCE)
1.1 (PCE)
ND (TCE)
ND (DCE)
2.3 (PCE)
ND (TCE)
1 (DCE)
3.8 (PCE)
1.6 (TCE)
ND (DCE)
5.2 (PCE)
0.86 (TCE)
1 (DCE)
GRAPHIC SCALE
0
1
2
FEET
ASL
A.E. Schm
Environme

SECTION 5.0 DISCUSSION AND RECOMMENDATIONS

This soil gas survey has provided further assessment of several areas of Plant A-1 South which were identified in the EA or in the previous subsurface soil investigation as possible sources of elevated concentrations of chemicals in the subsurface. In addition, this soil gas survey has provided a comprehensive plant-wide assessment to determine if additional sources or areas of elevated chemical concentrations might exist which had not been previously discovered.

5.1 Discussion of Results by Area

Specific areas of the plant where elevated levels of chemicals were suspected and which were addressed by this soil gas survey include the following:

- Former auto salvage yard in the north-central portion of the plant in the vicinity of soil gas points SG-12, and SG-67 through SG-70,
- Former clarifiers in the western portion of Building 76A (SG-79 and SG-82),
- An above ground hazardous materials storage area in the western portion of Building 76A (SG-83),
- Former hydraulic lifts inside Building 76A (SG-84, SG-91, and SG-92),
- Former underground storage tanks, piping, and dispenser islands around Building 76A,
- Two possible PCE surface spill areas; one south of the dispensing islands and one along the eastern property boundary,
- A former vehicle storage area located south of Building 76A and west of the former USTs (SG-119 through SG-122, SG-133 through SG-136).

Auto Salvage Yard

Data for the area of the former auto salvage yard consisted of samples from five soil gas points at a depth of five feet (SG-12, SG-67,68,69,70) and from one point at a depth of 10 feet (SG-12). Data distributions for the chemicals of concern, shown on Figures 4-1, 4-3, 4-5, and Plate 1, indicate that the only compounds detected above 1 ug/l at this

location were PCE and 1,1-DCE. PCE was detected at a concentration of 1.1 ug/l (SG-68) and 5.8 ug/l in the 5-foot sample from SG-12. All other PCE concentrations were less than 1 ug/l. 1,1-DCE was detected at concentrations ranging from 1.5-2.7 ug/l in four of the 6 samples from this location. No other chemicals were detected at concentrations exceeding 1 ug/l. The single sample collected at a depth of 10 feet (SG-12) contained only 1,1-DCE at a concentration exceeding 1 ug/l.

Western Portion of Building 76A (Clarifiers, Hydraulic Lifts, Storage Areas)

Data from the western portion of Building 76A included 19 sampling locations at a depth of 5 feet, one sample location at a depth of 10 feet (SG-83), and five samples from a depth of 20 feet. Compounds detected in this area include 1,1-DCE, PCE, and TCE (Figures 4-2, 4-4, 4-6, 4-8, and Plate 1). PCE was detected in all of the samples, with a maximum concentration in the five foot samples of 8.5 ug/l (SG-80) and a maximum concentration in the 20-foot samples of 10 ug/l (SG-84). 1,1-DCE was detected in most of the samples in this area at relatively uniform concentrations ranging from 1.3-6.1 ug/l. TCE was detected in approximately one-half of the samples at a maximum concentration of 1.3 ug/l.

Horizontal gradients, which might serve to pinpoint a specific source, were not readily discernible in this area for any of these chemicals. Likewise, no significant vertical gradients could be identified when comparing the data at the 5-foot depth and the 20-foot depth. Table 5-1 shows the comparison of VOC concentrations between the 5-foot samples and the 20-foot samples.

TABLE 5-1
Data Comparison Between 5' and 20' Samples, Western Portion of Building 76A
(concentrations in ug/l)

Point	PCE (5')	PCE (20')	TCE (5')	TCE (20')	DCE (5')	DCE (20')
SG-79	3.0	3.1	0.25	0.26	ND	ND
SG-82	0.68	0.84	ND	ND	4.2	1.3
SG-83	5.7	5.9	0.14	0.16	2.1	ND
SG-84	8.3	10	1.3	0.92	3.8	2.4
SG-91	0.94	2.3	0.072	0.1	4.1	ND

USTs, Dispenser Islands, and Surface Spill Area

The portion of Building 76A which included the former USTs, dispensing islands, and the reported surface spill area south of the islands contained the highest concentrations of

PCE and TCE reported during the soil gas survey. Concentrations of PCE in this area generally exceeded 10 ug/l, with an area of concentrations greater than 100 ug/l centered on the dispenser islands and the area south of the islands. The area directly around the location of the former USTs showed the lowest PCE and TCE concentrations in this area, probably due to the excavation of soil and replacement with backfill which had occurred during removal of the tanks. 1,1-DCE was also detected in this area of the plant, again at relatively uniform concentrations of 2.0-7.0 ug/l at the 5-foot depths.

Deeper soil gas samples, at depths of 20-25 feet, were collected at 11 sample points in this area. Table 5-2 shows the comparison of data between the 5-foot samples and the 20-25 foot samples at these 11 locations.

TABLE 5-2
Data Comparison Between 5' and 20-25' Samples, USTs/Dispensers Area
(concentrations in ug/l)

Point	PCE (5')	PCE (20-25')	TCE (5')	TCE (20-25')	DCE (5')	DCE (20-25')
SG-102	90	6.3	6.7	1.6	ND	12
SG-105	250	190	57	280	ND	2.3
SG-111	7.1	54	ND	11	3.4	2
SG-114	2200	0.54	0.1	2	2.7	14.4
SG-115	110	0.19	ND	1.1	ND	2.6
SG-124	8.3	16	ND	1.6	7.0	3.1
SG-125	37	57	ND	5.2	6.0	2.7
SG-127	500	140	8.8	9.2	2.2	2
SG-138	22	18	ND	ND	2.9	2.3
SG-150	100	3.8	2.2	0.23	2.5	ND
SG-158	54	6.2	0.69	0.53	2.2	1.3

PCE concentrations generally decreased with depth although concentrations greater than 100 ug/l were still found at two of the deep sampling locations. Increases in PCE concentrations occurred at only two locations, SG-124 and SG-125. These samples were collected at depths of 25 feet in the area of the former USTs. These data most likely represent a slight increase in concentrations between the backfill material in the tank excavation cavity and the native soil beneath.

Both TCE and 1,1-DCE concentrations showed a slight increase with depth at several of the sample locations. However, the differences were generally minor and do not appear to indicate a significant vertical gradient, with the possible exception of TCE at SG-105. This point was located directly beneath one of the former dispensers and is also located in the area where the highest PCE concentrations were detected.

Eastern Boundary Surface PCE Spill Area

Seven soil gas samples at six locations were collected along the eastern perimeter boundary of the plant in the area where a former above ground PCE holding tank had been temporarily located. The tank had been placed at this location for a brief period due to reported product contamination problems in the main underground supply tank. Reportedly, surface spills may have occurred in this area during product transfer operations.

Six soil gas samples at a depth of 5 feet and one sample at a depth of 20 feet were collected in this area at points SG-117, 118, 131, 132, 145, and 146. PCE was detected in all samples with concentrations ranging from 15-31 ug/l in the 5-foot samples and 1.1 ug/l in the single 20-foot sample (SG-146). 1,1-DCE was detected in four of the seven samples at uniform concentrations ranging from 2.7-3.2 ug/l. TCE was detected in one sample at a concentration of 0.14 ug/l and 1,1,1-TCA was detected in one sample at a concentration of 2.4 ug/l.

Vehicle Storage Area

Eight 5-foot soil gas samples were collected in the former vehicle storage area located south of Building 76A and west of the former USTs. No samples were collected in this area at depths greater than 5 feet. PCE was again the most significant chemical detected in this area, with concentrations ranging from 3.3-15 ug/l. PCE was detected at all eight sampling locations. 1,1-DCE was detected at six of the eight locations with uniform concentrations ranging from 2.8-4.4 ug/l. TCE was detected at only one location (SG-122) at a concentration of 0.41 ug/l.

5.2 Recommendations

These data suggest that most of the areas of the plant investigated during this soil gas survey do not contain significantly elevated levels of chemicals in the soil gas (i.e., >10 ug/l). Areas where chemical concentrations exceeded this nominal level were located exclusively in the northeastern portion of the plant, around Building 76A. Elevated levels of chemicals were not found outside the Building 76A area, which is consistent with the findings of the previous subsurface investigations at the plant.

In the former dispenser/surface spill area of Building 76A, where the most significant concentrations of chemicals were encountered, the vertical extent of PCE/TCE in the soil gas has not been fully determined. A focused Feasibility Study/Remedial Action Plan will be prepared by Lockheed to address the vertical distribution of chemicals in the vapor phase. The FS/RAP will address remedial alternatives that may be utilized to remediate the vadose zone soils in and around the former Building 76A area.

June 1992 state investigation: soil samples were analyzed for metals

limits of excavation

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LOCKHEED MARTIN

FINAL REPORT OF SOIL REMEDIATION
FOR
BUILDING 76A
LOCKHEED PLANT A-1 SOUTH
BURBANK, CALIFORNIA

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1.0 INTRODUCTION

Lockheed Martin Corporation [formerly, Lockheed Environmental Systems and Technologies Company (LESAT), Burbank Program Office] prepared this Final Report of Soil Remediation to document the final phase of investigation and the subsequent soil remediation for Plant A1 South. The remediation consisted of the excavation and disposal of soil containing Tetrachloroethene (PCE), diesel fuel, and oil or hydraulic fluid from the Building 76A area. The excavation, transport and disposal of soil was completed in May, 1995, under the observation and direction of the California Regional Water Quality Control Board (CRWQCB) and in accordance with the Plant A1 South Soil Remediation Workplan prepared by LESAT (January 1995).

The remediation of the shallow soil in the Plant A1 South, Building 76A area was required by the CRWQCB. Plant A1 South is located at the southwest corner of Hollywood Way and Vanowen Street in Burbank, California. Figure 1 presents a vicinity map and schematic diagram of the A1 complex which includes Plant A1 North, A1 East and A1 South. Figure 2 presents a plot plan of the Plant A1 South facility. Plant A1 South includes buildings 76 and 81, parking lots 11, 11A, 12 and 20, and the former Building 76A. Plant A1 South was decommissioned in the first quarter of 1992. All operating equipment and personnel were removed in 1992.

Building 76A and all underground structures were removed from the site during site demolition in 1992. PCE affected soil was detected at Building 76A in the former Underground Storage Tank (USTs) area. The locations of the USTs are shown on Figure 3. The affected areas were discovered and characterized by the Environmental Assessment (McLaren, 1992), the completion of soil borings in the vicinity of the former Building 76A (ASL Consulting Engineers, 1992), by the completion of a soil vapor survey (ASL Consulting Engineers, 1993) and the Soil Characterization Field Study (contained in this report).

1.1.0 Purpose and Objectives

The soil remediation of the Building 76A area was performed to remove the affected soil and reduce the possibility of surface exposure or impact to the groundwater. The soil remediation consisted of excavating the affected soil and transporting the soil to an appropriate disposal site. Lockheed Martin Corporation prepared this report for submittal to the Los Angeles Region of the CRWQCB to document the results of the soil remediation.

2.0 FACILITY BACKGROUND

The Lockheed Martin Corporation Plant A-1 South parcel is rectangular in shape and consists of a 19.6 acres. The parcel is bounded by Hollywood Way on the east, Vanowen Street on the north, Valhalla Avenue on the south and a cemetery on the west (see Figure 1). The parcel was used for agricultural purposes and as a dairy farm until the 1940s, at which time Lockheed began using portions of the property to support their Burbank aircraft manufacturing facilities.

From the 1940s through the 1960s the land had various uses including parking for Lockheed employees, small restaurants bordering Vanowen Street, and an auto salvage yard. Building 76 and Building 76A were constructed as portions of a Unimart retail sales facility in the 1960s. Building 76A was used as a gasoline service station for the Unimart facility until Lockheed began using Building 76 and Building 76A. Lockheed used the buildings through the 1970s, 1980s and up to 1992 for procurement offices. The western 40 percent of the parcel has since been sold to others (see Figure 2).

2.1.0 Site Description

Asphalt or concrete paving covers approximately 75 percent of the parcel surface. An additional 17 percent is covered by Building 76 and Building 81(owned by others). The remaining eight percent of the parcel was occupied by Building 76A and the associated parking area (see Figure 2). The entire site, including Buildings 76, 81 and parking lots 11, 11A, 12, 20 and the Building 76A area are enclosed by a chain-link fence. Lockheed presently owns the eastern 60 percent of the site. Access to the Lockheed owned portion of the parcel is limited to authorized personnel.

The north-eastern corner of Plant A1 South which includes the location of the former building 76A and the surrounding area was the focus of this remediation (see Figure 2 and Figure 3). The former Building 76A site area is not surfaced at this time. A soil sealer is applied periodically to control weed growth and dust. The site surface has a slight gradient towards the southwest. A groundwater monitoring well (A1 CW-9) and a storm drain are present in the north-eastern corner of the site near the intersection of Vanowen Street and Hollywood Way, as shown on Figure 3.

2.1.1 Building 76A

Building 76A was operated as a auto service center and was used by Lockheed for fleet vehicle maintenance and fueling. This facility included USTs, dispenser islands and piping, below-grade hydraulic lifts, clarifiers, and above ground storage areas for hazardous materials. Figure 3 presents a site plot plan with the details of the former Building 76A area. The eastern-most UST

(A1-N) was used to store PCE and served as a central supply point for Lockheed's other plants in Burbank. The PCE was dispensed to tanker trucks and transported to the various Lockheed Burbank plants.

2.1.2 Building 76A Demolition

The demolition of Building 76A was conducted during February-April 1992, demolition activities included removal of the four USTs and associated piping and dispensers; removal of the building, floor slab, and foundations; and removal of all below grade improvements including hydraulic lifts, clarifiers, storm drains, utilities and sewers. During the demolition process, areas of stained soil were noted, and soil samples were collected to determine if elevated concentrations of regulated chemicals were present. Shallow stained soil was found in the western portion of Building 76A and around the USTs, piping, and dispenser islands. Several site investigations were performed and the stained soil was found to be affected by solvents and petroleum hydrocarbons. The affected soil excavated during the UST removals and building demolition was sent off-site for disposal. A report on the demolition monitoring and soil sampling was prepared by ASL in April 1992.

A total of four, single walled, steel, 12,000 gallon underground storage tanks (USTs): one, 550 gallon, single walled, steel, used oil tank; one concrete 1600 gallon clarifier; and seven dispensers were removed from the site. The two western-most 12,000 gallon USTs contained unleaded fuel (see Figure 3), the third 12,000 gallon UST (central) contained diesel fuel and the fourth contained PCE. The fuel and PCE UST's were pressure tested in August of 1985 and found to be tight. Table 1 (below) presents a summary of the liquid storage tanks that were present at Building 76A.

TABLE 1
List of Former Building 76A
Underground Storage Tanks (USTs)
and Clarifiers:

Id	Type/Capacity	Use/Contents	Status/Yr
A1-F8	UST/12,000 Gal. Steel	Unleaded Fuel	Removed/92
A1-F9	UST/12,000 Gal. Steel	Unleaded Fuel	Removed/92
A1-F10	UST/12,000 Gal. Steel	Diesel Fuel	Removed/92
A1-N	UST/12,000 Gal. Steel	Tetrachloroethene	Removed/92
A1-U	UST/550 Gal. Steel	Used Oil	Removed/85
A1-V	Clarifier/1,600 Gal. Conc.	Steam Clean Water	Removed/92*

* Clarifier A1-V was installed in 1988.

The tanks and clarifier were removed under the supervision of an Inspector of the City of

Burbank Fire Department (CBFD). The Inspector directed the collection of 21 soil samples from beneath the removed tanks, associated product lines, and dispenser islands. Eight soil samples were collected from beneath the USTs, nine soil samples were collected from beneath the product piping, and four soil samples were collected from beneath the dispenser islands. Soil samples were collected from depths approximately 5 feet below the tank invert and the product piping. Appendix B, Section 1.0 presents a summary of the laboratory analytical results from the UST removal and soil sampling and a plot plan showing the soil sample collection locations.

Based on the laboratory analytical results of the soil samples collected, the soil in the vicinity of the line from the PCE tank and beneath the dispenser were found to contain PCE. Diesel fuel was also found to be present beneath the dispenser area with the PCE. In addition to the USTs, ten hydraulically operated vehicle lifts were removed from the inside of Building 76A. Hydraulic fluid or oil was found to be present in the soil beneath and around several of the former vehicle lifts.

Imported soil backfill brought in as a portion of the demolition activities was placed into the UST excavation on February 28, and 29, 1992 and compacted to 90 percent relative compaction.

2.2.0 Regional Geology and Hydrogeology

2.2.1 Regional Geology

Plant A1 South is located south and west of the Verdugo Mountains within the southeastern San Fernando Valley. The San Fernando Valley is an alluvial basin that is approximately 23 miles long and 12 miles wide and contains up to 1000 vertical feet of alluvium material. The alluvium includes [from youngest (top) to oldest (bottom)]:

- Younger Alluvium (0 to 10,000 years old),
- Older Alluvium (10,000 to 1 million years old), and the
- Saugus Formation (1 to 2 million years old)(Oakeshott, 1958; Johnson et. al., 1973 as reported by ASL, 1992).

The Younger Alluvium is composed primarily of an accumulation of boulders, coarse to fine gravel and sand which was deposited as coalescing alluvial fans west of the Verdugo Mountains. The Older Alluvium mainly consists of coarse unconsolidated sand and gravel with minor amounts of clay [State Water Resources Control Board (SWRCB), 1962 as reported by ASL, 1992]. The Saugus Formation unconformably overlies an older Tertiary Geologic Age (1.6 to 66.4 million year old) marine sediment.

The Verdugo Fault extends under the alluvium between the Verdugo Hills and the Pacoima Hills, and lies approximately 1.1 miles northeast of Plant A1 South. This fault displaces the pre-

Cretaceous Geologic Age (greater than 66.4 million years old) granitic and metamorphic rock basement complex.

2.2.2 Regional Hydrogeology

The Plant A1 Complex is located within the San Fernando Groundwater Basin (SWRCB, 1962 as reported by ASL, 1992). The depth to groundwater was reported to be approximately 180 feet below the ground surface (LESAT, 1994).

According to the LESAT Monthly Groundwater Elevation Data Reports, the groundwater beneath the complex has risen approximately 20 feet since March of 1994 and has a gradient of approximately 0.002 feet per foot towards the southeast (LESAT, 1994; Hargis & Associates, 1992).

2.2.3 Local Subsurface Conditions

The soil beneath the site primarily consists of fill soil from the surface of the site to a depth of between five and ten feet. The fill reportedly consists of silty sand [Unified Soil Classification System, (USCS) classification SM]. (A copy of the USCS is presented in Appendix C.) Compacted fill is present in the former UST zone to a depth of 13 to 18 feet. The remainder of the soil beneath the site is reported to be composed of medium dense to dense, slightly moist to moist, fine to medium or coarse sand with trace silt (SW,SP). Gravel, cobbles or boulders have been reported to be present in the subsurface throughout the Burbank California area. Groundwater is present at a depth of approximately 180 feet beneath the site (well A-1-CW-9, northeast corner of the site) and perched groundwater has not been reported.

limits of excavation

June 1992 site investigation. SS7 samples were analyzed for metals

SECTION 5.0

SECTION 6.0

APPENDIX

3.0 PREVIOUS ENVIRONMENTAL SITE INVESTIGATIONS

Previous environmental site investigations performed at the site include the following:

- Underground Tank Leak Detection Investigation (Gregg and Associates, 1985),
- Preliminary Site Assessment; Tank A1-F8, A1-F9 and A1-N, Gasoline Station, Plant A1, Lockheed Aeronautical Systems Company, Burbank California (ENSR, 1990),
- Tank Closure Report, Plant A1 South, 2311 North Hollywood Way, Burbank California (Converse Environmental West, 1992),
- Environmental Assessment (McLaren/Hart, 1992),
- Site Investigation and Characterization (ASL, 1992),
- Soil-Gas Survey (ASL, 1993),
- Soil Characterization Field Study (Lockheed Martin Corporation, 1994-95).

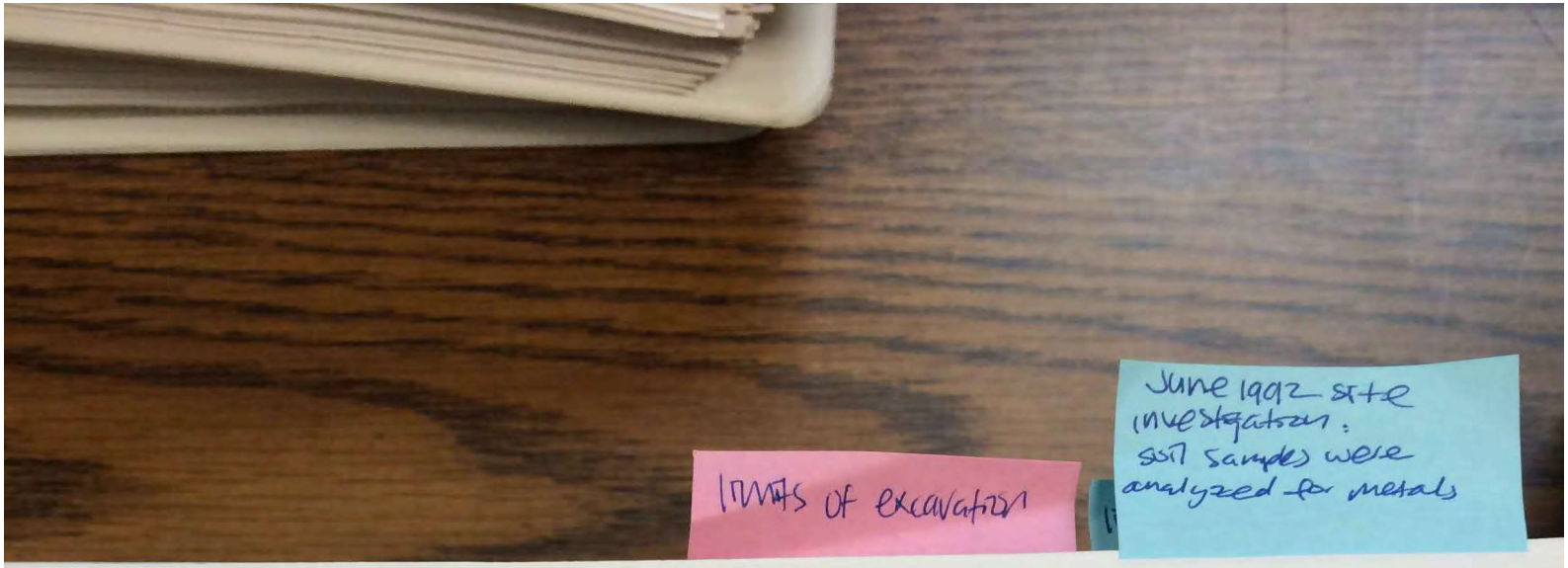
A summary of the significant findings from the previous environmental investigations are presented below.

3.1.0 Underground Leak Detection Investigation

Gregg and Associates (Gregg) performed an environmental subsurface soil investigation in the vicinity of the former Building 76A USTs in 1985 and 1986. The investigation included the drilling of 14 soil borings in the UST area and the installation of vapor monitoring wells. The borings ranged from 15 to 40 feet in depth and a total of 17 soil samples were collected from the soil borings and submitted to the laboratory. The samples were then analyzed for the presence of PCE. PCE was not detected in any of the soil samples submitted to the laboratory for analysis. A summary of the laboratory analysis results are presented in Appendix B, Section 1.0. A summary of the sample locations and the laboratory analysis results for the PCE are presented in Table 2 of this report. The soil boring locations are shown on Figure 3.

3.2.0 Preliminary Site Assessment

ENSR Consulting and Engineering (ENSR) continued the subsurface soil investigation around the Building 76A USTs in December 1988 through June of 1989 (ENSR, 1990). This investigation included the installation of 14 additional soil borings in the vicinity of the four, 12,000 gallon fuel USTs. The laboratory analysis results included TPH, benzene, toluene, ethylbenzene, xylene, PCE, 4-methyl 2-pentanone and acetone. A total of 27 soil samples were collected from the soil borings and analyzed for the presence of PCE. PCE was detected in four of the soil samples collected, they were: boring EA1-4N (3 foot depth); EA1-5N (2.5 foot depth); EA1-6N (4 foot depth) and EA1-8N (5 foot depth). TPH, toluene and xylene were also detected in the sample recovered from boring



EA1-6N at a depth of 4 feet. All four of the soil samples containing PCE were collected from the southwestern dispenser area (see Figure 3). Table 2 presents a summary of the laboratory analysis results for PCE generated during the investigation performed by Gregg and Associates (1985 and 1986) and the ENSR investigation (1988 and 1989). A summary of the laboratory analysis results from the Preliminary Site Assessment are presented in Appendix B, Section 2.0.

limits of excavation

June 1992 site investigation; soil samples were analyzed for metals

Table 2
Summary of Laboratory
Analysis Results for 1988 through 1989
(Reported in mg/kg)

Gregg and Associates

Boring No.	Depth	PCE Conc.
A1F10-MV1	15'	ND
A1N-MV1	15'	ND
A1N-MV2	15'	ND
A1N-B1	5'	ND
A1N-B1	Composite	ND
A1N-B2	Composite	ND
A1N-TB1	8'	ND
A1N-TB1	16'	ND
A1N-TB1	32'	ND
A1N-TB2	8'	ND
A1N-TB2	16'	ND
A1N-TB2	32'	ND
A1N-TB4	5'	ND
A1N-TB4	10'	ND
A1N-TB4	15'	ND
A1N-TB4	20'	ND
A1N-TB4	25'	ND

ENSR

Boring No.	Depth	PCE Conc.
EA1-14N	5'	ND
EA1-14N	30'	ND
A1-14N	40'	ND

ENSR

Boring No.	Depth	PCE Conc.
EA1-N	15'	ND
EA1-N	40'	ND
EA1-4N	**3'**	**41.500 mg/kg**
EA1-5N	**2.5'**	**15.200 mg/kg**
EA1-6N*	**4'**	**2.460 mg/kg**
EA1-7N	4.5'	ND
EA1-8N	5'	.008 mg/kg
EA1-8N	30'	ND
EA1-8N	40'	ND
EA1-9N	15'	ND
EA1-9N	40'	ND
EA1-9N	50'	ND
EA1-10N	38'	ND
EA1-10N	43'	ND
EA1-10N	48'	ND
EA1-11N	20'	ND
EA1-11N	30'	ND
EAI -11N	40'	ND
EA1-12N	23'	ND
EA1-12N	33'	ND
EA1-12N	43'	ND
EA1-13N	23'	ND
EA1-13N	33'	ND
EA1-13N	43'	ND

NA — Indicates not analyzed.
ND — Indicates not detected.
* — Indicates that TPH, toluene and xylene was also detected in this soil sample.
Test Methods: Gregg and Associates (methods undetermined).
ENSR-December 1988 through 1989
ENSR June 1989
TPH by USEPA Method 8015-Modified for gasoline.
Volatile Organic Constituents (VOC) by USEPA Method 8240.
Bold — Lettering indicates elevated concentrations of VOC constituents detected.

3.3.0 Tank Closure Report

Converse Environmental West (CEW) observed the excavation and removal of four 12,000 gallon USTs and the associated dispensers during late February, 1992. A total of eight soil samples were collected from below the former USTs, nine soil samples were collected from below the former piping and four soil samples collected from beneath the former dispenser. Table 3 presents a summary of the laboratory analysis results for PCE. Appendix B, Section 3 presents copies of the laboratory analysis results from the CEW report (CEW, 1992)

Table 3
Summary of Laboratory Analysis Results
for Tank Closure
at Plant A1 South, Building 76A

USTs*		Piping**		Dispensers**	
Location	**PCE Conc.**	**Location**	**PCE Conc.**	**Location**	**PCE Conc.**
A1-F8-1A	NA	PL1	NA	D1 (SW)	NA
A1-F8-1B	NA	PL2	NA	D2 (NW)	NA
A1-F9-2A	NA	PL3	ND	D3 (NC)	NA
A1-F9-2B	NA	PL4	NA	D4 (SC)	1,600 mg/kg
A1-F9-3A	NA	PL5	NA		
A1-F9-3B	NA	PL6	NA		
A1-F10-4A	0.02 mg/kg	PL7	NA		
A1-F10-4B	ND	PL8	0.0007 mg/kg		
		PL9	0.0024 mg/kg		

NA Indicates not Analyzed
ND Indicates not detected
All concentrations reported in mg/kg
PCE analysis by USEPA test method 8240
USTs Underground Storage Tanks
* Soil samples collected from a depth of 12.5 feet
** Soil samples collected from a depth of 6 feet
SW Indicates that the sample was collected from the southwestern most dispenser (NW = northwest dispenser, N C = north center dispenser, and SC = south center dispenser)

3.4.0 Environmental Assessment

McLaren/Hart completed a Phase I Environmental Assessment (EA) of Plant A-1 South. The investigation involved a review of historical operating practices at the plant, interviews with employees, a site inspection, and aerial photo review. The purpose of the EA was to identify possible areas of environmental concern which might require further investigation. The EA report was submitted by McLaren/Hart in January, 1992 (McLaren/Hart, 1992).

The EA identified several areas of the plant, primarily in and around Building 76A, which were suspected to contain elevated concentrations of hydrocarbons in the subsurface. The features in the Building 76A area such as underground tanks, piping, hydraulic lifts, clarifiers, etc. were identified as potential sources. In addition, the review of historical operating practices revealed that surface spills of fuels and PCE had occasionally occurred at the dispensing islands and near the eastern perimeter fence where a temporary above ground PCE holding tank had been located. These areas were targeted for further subsurface investigation and are discussed in section 3.50 below.

3.5.0 Site Investigation and Characterization

Although investigation activities were performed prior to 1992 as part of Lockheed's UST compliance program, a comprehensive subsurface investigation had not been completed. Based on the information compiled in the EA and the observations from the demolition of Building 76A, a comprehensive subsurface investigation was performed in June 1992 by ASL Consulting Engineers (ASL). This investigation consisted of completing a total of 78 soil borings across the parcel. Fifty-eight of the borings were concentrated in the Building 76A area (ASL, 1992).

Forty-eight of the soil borings were completed to depths of 10 or 20 feet. Nine borings were completed to a total depth of 35 to 40 feet and one boring was completed to a depth of 80 feet. A total of 344 soil samples were collected from the 78 borings. Two-hundred and eight of the soil samples were collected from the 58 soil borings installed in the Building 76A area from a depth of 5 feet or below. A summary of the soil sample analysis results are presented in Appendix B, Section 4. Figure 4 presents the locations of soil borings completed in the Building 76A area during the 1992 investigation.

Soil samples were analyzed for the presence of metals, polychlorinated biphenyls (PCBs), Total Petroleum Hydrocarbons (TPH), and for Volatile Organic Compounds (VOCs), including PCE. The principal chemicals identified in the soil samples were diesel fuel, oil, and PCE. TPH (fuels and oils) was generally confined to the shallow subsurface soil above a depth of 10 feet in the western portion of Building 76A. Only one boring, B76A-46, showed significant concentrations of TPH at depths greater than 10 feet. In this boring, located at one of the dispenser islands, petroleum hydrocarbons were found in conjunction with PCE to a depth of 25 feet.

Elevated VOC concentrations were generally limited to the shallow subsurface soil in the eastern portion of Building 76A which included the underground storage tanks, piping and dispensing systems. The areas of the plant which contained elevated concentrations of PCE generally conformed with the areas where product dispensing, storage, and surface spills had been reported.

Following the demolition of Building 76A and the completion of the subsurface soil investigation,

limits of excavation

June 1992 site investigation, soil samples were analyzed for metals

SECTION 5.0
SECTION 6.0
APPENDIX B

limits of excavation

limits of excavations

the CRWQCB requested, that Lockheed complete a soil gas survey at the plant to ensure that no source areas had escaped detection during the previous investigation and to confirm the results of the site characterization investigation. A summary of the soil-gas survey is presented in section 3.6.0 of this report.

3.6.0 Soil-Gas Survey

A total of 181 soil-gas samples were collected from 159 sampling locations across the parcel. Soil-gas samples were collected from a depth of five feet Below the Ground Surface (BGS). The soil samples were collected between September 23 and October 7, 1993. A soil-gas probe grid spacing of 100 feet was used across the majority of the Plant A1 South parcel. Soil-gas probes located in the Building 76A area were placed at 20 foot intervals.

One-hundred and nine of the soil-gas probes were completed in the Building 76A area. Eighty nine soil-gas samples were collected from a depth of five feet. The data collected from a depth of five feet was reviewed with a representative of the CRWQCB and the locations for 20 additional soil-gas samples to be collected from a depth of between 10 to 25 feet BGS were selected. Soil-gas samples collected in the former UST vicinity were collected from a depth of 25 feet BGS and the remainder of the soil-gas samples were collected at depths of between 10 and 20 feet. Figure 2 presents the locations of the soil gas probes across the entire parcel, and Figure 4 presents the locations of the soil-gas probes completed in the Building 76A area.

The soil-gas samples were analyzed for the standard list of 22 chlorinated and aromatic compounds required by the CRWQCB. Appendix B (Section 5.0, Table 4-5), presents a summary of the concentrations of analytes detected in the soil-gas survey.

3.6.1 Five Foot Depth

Twelve of the soil-gas samples collected from a depth of five feet, in the Building 76A area were found to contain concentrations of PCE in excess of 0.1 milligrams per liter in air (mg/l-air). The probes were numbered 104, 105, 113, 114, 115, 126, 127, 128, 140, 141, 142 and 150. Only one of these soil-gas samples was found to contain concentrations of PCE in excess of 1.0 mg/l-air. The probe location which was found to contain concentrations of PCE in excess of 1.0 mg/l-air was probe number 114 (2.2 mg/l-air). This sample was collected from the vicinity of the southern end of the western dispenser islands, adjacent to boring B76A-48. Figure 4 presents the soil-gas probe locations.

3.6.2 Twenty Foot Depth

Five of the above listed soil-gas probes (Probes Numbered 105, 114, 115, 127 and 150) were

extended to a depth of 20 feet and re-sampled. None of the soil-gas samples collected from a depth of 20 feet were found to contain concentrations of PCE in excess of 1.0 mg/l-air.

Figure 5 presents a detail map of the eastern portion of Building 76A and the locations of the soil-gas probes and the approximate location of PCE concentrations greater than 0.5 mk/l-air or 0.5 mg/kg detected in the soil-gas samples collected from a depth of 20 feet. Figure 6 presents a cross section schematic of the subsurface beneath the former dispenser area. Table 4 below presents a summary of the concentrations of PCE detected in the soil-gas probes and the soil borings.

TABLE 4
Summary of Selected PCE Concentrations
Detected in Soil-Gas Probes and Soil Borings
Plant A1 South, Building 76A

PROBE	Depth 5 Feet Conc.*	20 Feet Conc.*	BORING	Depth 5 Feet Conc.**	20 Feet Conc.**
104	0.120	NA	B76A-6	0.008	0.0006
105	0.250	0.190	B76A-7	0.480	ND
113	0.190	NA	B76A-8	0.055	0.051
114	**2.200**	0.054	B76A-9	0.016	ND
115	0.110	0.019	B76A-10	0.180	0.0008
126	0.200	NA	B76A-11	NA	ND
127	0.500	0.140	B76A-12	NA	0.0030
128	0.320	NA	***B76A-46***	***44.0***	***160.0***
140	0.110	NA	B76A-47	0.0041	ND
141	0.210	NA	***B76A-48***	***0.039***	***0.0640***
142	0.130	NA	B76A-50	0.030	NA .
150	0.100	0.004	B76A-57	0.0110	ND
			B76A-58	***ND***	***0.0250***

* Concentrations reported in mg/l-air by CRWQCB WIP method (Modified USEPA method 8010/8020)
** Concentrations reported in mg/kg (soil), by USEPA Test Method 8010/8020
NA Indicates Not Analyzed
ND Indicates Not Detected at the detection limits
All measurements equal to or in excess of 1.0 mg/l-air or 1.0 mg/kg are printed in normal bold lettering.
Sample locations containing concentrations of PCE which increased with depth are printed in bold italic lettering.

As can be seen from Table 4 above, only three of the 48 analyses presented in Table 4 (above) exceeded 1.0 mg/l-air or 1.0 mg/kg in soil.

limits of excavation

limits of excavations

3.7.0 Soil Characterization Field Study

Lockheed Martin Corporation installed a total of four additional soil borings and seven soil-gas probes in December 1994 and January 1995. The additional work was required by the CRWQCB to provide additional site characterization. The soil borings were installed in the former dispenser and vehicle lift areas to further evaluate the concentration of PCE, TPH and TRPH in the soil. The soil-gas probes were installed to further evaluate the vapor phase PCE plume. A brief description of each phase of the evaluation follows.

3.7.1 Soil Borings

Lockheed Martin Corporation installed a total of four additional soil borings. The first soil boring (B76A-59) was installed to a depth of 60 feet and was placed in the estimated location of boring B76A-48 to further characterize the soil column. The second soil boring (B76A-60) was installed to a depth of 60 feet and is located between the estimated location of boring B76A-46 area and soil-gas probe number 127. B76A-60 was installed to evaluate the soil condition south of the dispenser area. The third soil boring (B76A-61) was installed to a depth of 30 feet in the B76A-34 area to confirm the PCE concentrations of 2.5 mg/kg PCE at a depth of ten feet and non-detect at a depth of 15 feet. Soil boring four (B76A-62) is located near the estimated location of soil boring B76A-46 and was extended to a depth of 60 feet. Soil boring B76A-62 was installed to evaluate the condition of the soil beneath the dispenser. Figure 7 and 8 present the locations of the proposed soil borings.

Soil samples were collected from the soil borings at five foot intervals, beginning at a depth of five feet BGS. The soil samples were collected in general accordance with the Drilling Soil Sampling and Sample Handling Guidelines presented in Appendix C.

Selected soil samples collected from the borings were submitted to Curtis and Tomkins LTD., a analytical laboratory certified by the State of California. The soil samples selected for analysis, were based on field observations. Table 5 below presents a summary of the soil boring sample laboratory analysis results:

TABLE 5
Plant A1 South, Building 76A Area
PCE Concentrations Detected
in Soil Samples (mg/kg)
(December 28, 1994)

Soil Boring:	B76A-59	B76A-60	B76A-61	B76A-62
Depth: 5 Feet	NA	NA	ND■**	NA
10 Feet	ND■	0.012	ND■**	27.0
15 Feet	NA	NA	ND■**	NA
20 Feet	0.120■	0.009	TD	0.008
25 Feet	NA	NA		NA
30 Feet	0.009	ND		0.010
35 Feet	NA	NA		NA
40 Feet	0.160	0.005		0.008
45 Feet	NA	0.005		NA
50 Feet	0.015*	ND		0.015
55 Feet	NA	NA		NA
60 Feet	0.031	0.009		0.015
65 Feet	TD	TD		TD

The soil samples collected from the soil borings were analyzed by United States Environmental Protection Agency (USEPA) Method 8240.

NA Indicates not analyzed.

TD Indicates that the total proposed depth was attained and the previously listed soil sample was the last soil sample obtained.

ND Indicates that PCE was not detected at the detection limits (0.005 mg/kg for soil samples).

* Indicates that the soil sample was collected at a depth of 52 feet due to poor recovery at 50 feet.

** Indicates soil sample tested by USEPA Method 1311 extraction method for the Toxicity Characteristic Leaching Potential (TCLP) VOC analysis by USEPA method 8240. All samples were Non-Detect for the presence of PCE leachate at the 0.005 µg/kg detection limit.

■ Indicates soil sample analyzed for the presence of lead by USEPA method 6010. All concentrations detected were less than 2.4 mg/kg.

The soil samples were accompanied to the laboratory by a chain-of-custody document from the time of sampling until the samples are received at the laboratory. A copy of the chain-of-custody document and the laboratory analysis results are presented in Appendix B, Section 6.0.

The upper 25 feet of the soil borings was allowed to remain un-filled after completion of the soil sampling for use as reference points during the soil excavation. A temporary seal was placed around the top of the boring and weighted plywood was placed over the seal (to await excavation).

Soil cuttings generated during the soil characterization were placed in 55 gallon DOT approved open top drums or was stockpiled on 10 mil visqueen type material and covered to await disposal. The soil cuttings were disposed of with the soil removed during the soil remediation. Wash water and equipment rinsate generated during the soil characterization was placed into one DOT 1A1, 55 gallon drum for temporary storage. A water sample was collected from the drum on March

3, 1995 and submitted to the laboratory for analysis. The sample was analyzed for the presence of TPH and PCE by USEPA method 8015 and 8240 respectively, and the sample analysis results were used to characterize the contents of the drum for disposal. The results of the analysis indicated that the contents of the drum were non-hazardous. Copies of the disposal documents are presented in Appendix F and will be discussed in Section 5.7.0 of this report.

3.7.2 Soil-Gas Survey

A total of seven soil-gas probes (SG-159, SG-160, SG-161, SG-162, SG-163, SG-164 and SG-165) were installed at the direction of the CRWQCB. Four of the probes (SG-162, SG-163, SG-164 and SG-165) were installed adjacent to and around the estimated location of soil boring B76A-46. Soil-gas probe locations are presented on Figure 7 and 8. The probes were advanced to a depth of 30 feet and prepared for the collection of a soil-gas sample. Soil-gas samples were collected at depths of 30, 35, 40, 45 and when possible at a depth of 50 feet (SG-164 and SG-165).

The remaining three soil-gas probes (SG-159, SG-160 and SG-162) were located approximately four feet from soil borings B76A-59, B76A-60 and B76A-61 respectively. Soil-gas samples were obtained from a depth of 30 feet, 35 feet, 40 feet and 45 feet in SG-159 and SG-160 and from depths of 5 feet, 10 feet, 15 feet and 20 feet in SG-161.

Table 6 (below) presents a summary of the PCE concentrations detected in the Soil-gas probes.

TABLE 6
Plant A1 South, Building 76A area
PCE Concentrations Detected
in Soil Gas (mg/l in air)
(December 23, 26 and 27, 1994)

Probe: Depth:	SG-159*	SG-160	SG-161	SG-162	SG-163	SG-164	SG-165
5 Feet	NA	NA	NA	NA	NA	NA	NA
10 Feet	1.751	1.355	0.021	NA	NA	NA	NA
15 Feet	1.172	0.167	0.017	NA	NA	NA	NA
20 Feet	0.0004	0.906	0.013	NA	NA	NA	NA
25 Feet	0.245	0.239	0.010	NA	NA	NA	NA
30 Feet	0.868	0.991	TD	1.161	0.458	0.802	0.308
35 Feet	0.264	0.327		1.236	0.789	~~0.006~~ 1221	0.348
40 Feet	0.668	0.849		0.938	0.446	0.017	0.248
45 Feet	0.606	0.782		0.016	0.540	0.694	0.063
50 Feet	Refusal	0.630		Refusal	Refusal	0.006	0.194
55 Feet		Refusal				Refusal	Refusal
60 Feet							

* Indicates in-situ soil-gas concentration in Probe Number SG-159, as analyzed by the California Regional Water Quality Control Board (CRWQB) Well Investigation Program (WIP) Method 8010 modified. The soil gas probes were purged at 150 milliliters per minute.

Refusal Indicates that the probe was not able to advance to the listed sampling depth and soil samples were not collected at this interval.

NA Indicates not analyzed.

TD Indicates total proposed depth was attained

The soil-gas samples were collected according to the CRWQCB WIP guidelines. A description of the WIP guidelines is presented in the ASL Soil-Gas Sampling workplan and report (see References).

3.8.0 Previous Geotechnical Study

A preliminary geotechnical study was performed in the Building 76A area by Converse Consultants West (CCW) in January, 1992. The study consisted of the excavation of four test pits to depths of ten feet. The soil lithology and shallow structure was described in accordance with the Unified Soil Classification System (USCS) as the excavations advanced. Relatively undisturbed soil samples were collected from two of the test pits in ring type samplers for consolidation tests and direct shear tests. Bulk soil samples were also collected for grain size analysis and compaction curves (maximum density/optimum moisture test). Figure 3 presents the locations of the excavations. The

excavations were backfilled and compacted with the backhoe bucket upon completion.

Trench number 2 was located near the eastern end of the former Building 76A. The soil samples collected from the pit were described as a gray, fine sand with some medium grains (SP according to the USCS classification), slightly silty, with lenses of sandy silt (ML). Soil moisture was tested and determined to be four percent moisture in the soil sample collected from Trench number 2.

3.9.0 Summary of Previous Environmental Investigations

Seven environmental investigations have been performed at the Lockheed Plant A1 South facility. Six of the investigations included the installation of soil borings or soil vapor probes in the building 76A area. Table 7 below presents a summary of the borings, soil-gas probes and the samples collected during the investigations and Figures 7 and 8 present the locations of the soil borings and probes.

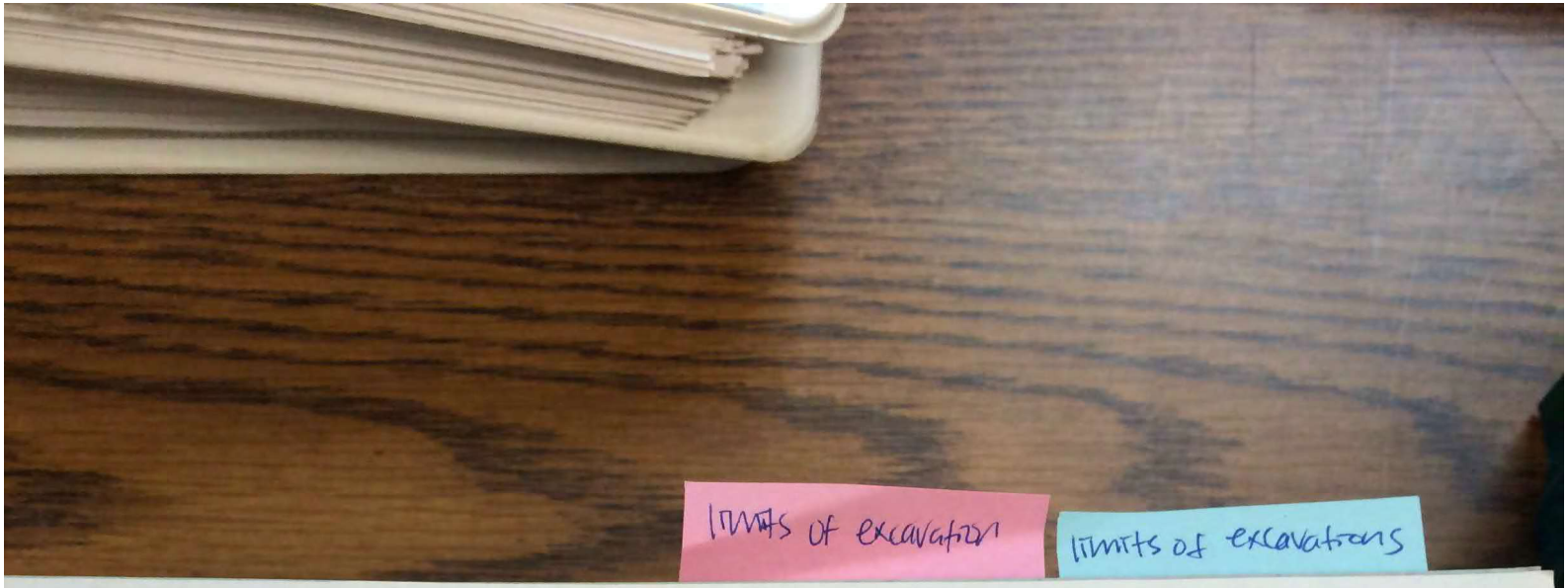
Table 7

Plant A1 South, Building 76A
Summary of Previous Environmental Investigations
and Laboratory Analysis Results for Soil Samples
Containing Concentrations of PCE Greater than 1.0 mg/kg and
Collected from a Depth of Greater Than 5 Feet

Investigation	Borings Installed	Probes Installed	Samples Collected	No. of Soil Samples with Greater than 1.0 mg/kg
Gregg (1985-86)	14	0	19	0
ENSR (1988-89)	14	0	27	3
CEW (1992)	17	0	5	1
McLaren (1992)	0	0	0	0
ASL (1992)	58	0	208	7
ASL (1993)	0	109	109	1
LESAT (1994-95)	4	7	61	6
TOTAL	**107**	**116**	**426**	18

The soil samples listed below were found to contain concentrations of PCE in excess of 0.5 mg/kg or 0.5 mg/l-air.

- ENSR Affected Boring Numbers and Depth of Sample: EA1-4N, 3 foot; EA1-5N, 2.5 foot and EA1-6N, 4 foot.
- CEW Affected Boring Numbers and Depth of Sample: PL-3, 6 foot.
- ASL (1992) Affected Boring Numbers and Depth of Sample: B76A-17, 5 foot (affected) Non Detected (ND) at 10 foot; B76A-34, 10 foot (affected), ND at 15 foot; B76A-46, 5 foot (affected), 10 foot (affected), 15 foot (affected), 20 foot (affected) and 25 foot (affected), ND at 30 foot.
- ASL (1993) Affected Probe Number and Depth of Sample: 114, 5 foot.



Only 18 of the 426 soil samples which were submitted to the laboratory were found to contain concentrations of PCE in excess of 1.0 mg/kg . The measurements which exceeded 1.0 mg/kg or 1.0 mg/l-air were found in eleven of the soil borings (or sample locations, IE some of the borings or probes had at least two intervals which exceeded 1.0 mg/kg).

limits of excavation

limits of excavations

4.0 PLANT A1 SOUTH, BUILDING 76A SOIL REMEDIATION

LESAT met with the CRWQCB, Los Angeles Region on January 4, 1995 to discuss the soil clean-up goals for the Plant A1 South, Building 76A area. During the discussion, examples from the Interim Guidelines for Remediation of VOC Impacted Sites (CRWQCB, 1994) were reviewed as well as information specific to the Building 76A area. The site information discussed included the depth to the groundwater, the current condition of the groundwater and the Lockheed Martin Corporation groundwater recovery operation (the Burbank Operable Unit) which will be operating down gradient (southeast) of Plant A1 South.

Groundwater is present beneath the Plant A1 South area at a depth of approximately 180 feet below the ground surface. PCE has been detected in the groundwater beneath the Plant A1 South area in concentrations of up to 1,400 μg/L in well number A1-CW-9 (April 1994, LESAT, 1994). The Burbank Operable Unit (BOU) will be recovering and treating up to 9,000 gallons per minute of groundwater from the uppermost aquifer beneath the site. The groundwater beneath the Plant A1 South area has been modeled and is predicted to be within the capture zone of the BOU.

After considering the site specific factors mentioned above, the CRWQCB and LESAT agreed upon 0.150 mg/kg (0.150 mg/kg = 150 μg/kg) of PCE in soil as the target for meeting the remediation objectives for the planned soil excavation at the Plant A1 South, Building 76A site. The CRWQCB agreed with Lockheed Martin that the environmental assessments and evaluations performed at the site yielded the following areas of concern for the Building 76A area:

- Soil in the vicinity of the former southwestern fuel dispensers was found to contain elevated concentrations of TPH by California Environmental Protection Agency (Cal-EPA) test method 8015 modified for Diesel fuel, Total Recoverable Petroleum Hydrocarbons (TRPH) by United States Environmental Protection Agency (USEPA) test method 418.1 and PCE by USEPA test method 8010/8020. Trichloroethene (TCE) was found to be present in conjunction with the PCE. [Tank removal samples D-4 (5 foot-1,600 mg/kg-PCE), PL-4 (5 foot-400 mg/kg-TRPH) and PL-7 (5 foot-450 mg/kg-TRPH). Soil borings B76A-46 (5 foot-44 mg/kg-PCE, 10 foot-260 mg/kg-PCE, 15 foot-330 mg/kg-PCE, 20 foot-160 mg/kg-PCE and 25 foot-73 mg/kg-PCE)]. This area has been designated excavation number 1 (see Figure 7).

- Soil in the vicinity of the former used oil tank located south of the former Building 76A contained elevated concentrations of TRPH and PCE. (Soil boring B76A-17 at a depth of 5 feet-130 mg/kg-TRPH and 1.1 mg/kg PCE.) This area has been designated as excavation number 2 (see Figure 7).

- Soil in the vicinity of the former vehicle lifts specifically, near soil boring B76A-34

contained elevated concentrations of PCE. (2.5 mg/kg PCE at a depth of ten feet and non-detect at a depth of fifteen feet.) This area has been designated as excavation number 3 (see Figure 7).

5.0 SCOPE OF WORK

The remediation of the soil found to contain concentrations of PCE in excess of 150 µg/kg, consisted of excavating the affected soil and transporting the soil to an appropriate disposal site. A portion of the soil which was found to contain PCE also contained TRPH and TPH-diesel. This soil was handled the same as the soil which only contained PCE. The following tasks were performed as a portion of this soil remediation:

5.1.0 Task 1 Preparation of a Site Safety and Health Plan
5.2.0 Task 2 Completion of Underground Obstruction Clearance
5.3.0 Task 3 Construction of the Excavations for Soil Removal
5.4.0 Task 4 Collection of Verification Soil Samples
5.5.0 Task 5 Completion of Laboratory Analysis of Soil Samples
5.6.0 Task 6 Backfilling and Compaction of Excavations
5.7.0 Task 7 Handling and Disposal of Excavated Soil
5.8.0 Task 8 Preparation of this Report Documenting the Soil Remediation

5.1.0 *Task 1* Preparation of a Site Safety and Health Plan

LESAT safety and health professionals prepared a site specific Safety and Health Plan for use during the site investigation. The Safety and Health Plan was prepared in accordance with 29 Code of Federal Regulations (CFR) 1910.120. A copy of the Safety and Health Plan for the Plant A1 South Soil Remediation was forwarded to the CRWQCB. The plan provided safety guidelines for personnel involved in performing the excavation of affected soil, verification sampling, backfilling and compaction of the excavations.

5.2.0 *Task 2* Completion of Underground Obstruction Clearance

The suspected location of underground obstructions was estimated, based on existing utility maps and information from previous studies. Actual or suspected utility locations were marked for reference purposes. In addition, "Dig Alert" of southern California (telephone 800-422-4133) was contacted prior to intrusive field investigation and the soil excavation.

A Geophysical survey completed during the site demolition (CEW, 1992) was also reviewed before intrusive field work began. Individual excavation locations were also "cleared for obstructions" prior to initiation of the field proceedings.

5.3.0 *Task 3* Construction of the Excavations for Soil Removal

A total of four excavations were completed in the building 76A area. Three of the excavations were completed in the areas outlined in Section 4.0 of this report and the fourth excavation location was discovered during the field remediation activities.

- **Excavation One, PCE Dispenser**
- **Excavation Two, Used Oil UST**
- **Excavation Three, Hydraulic Lift**
- **Excavation Four, Ramp Area**

Overburden soil removed to provide access to the affected soil was excavated, screened with the Photoionization Detector (PID) and stockpiled away from the excavations until the upper limits of the affected soil was encountered. Soil removed from the excavation which was found to contain detectable concentrations of volatile organic vapors was placed into temporary staging areas located near the excavations or loaded directly into awaiting bins. The stockpiles and bins were immediately covered to reduce the possibility of volatilization. The temporary staging areas were constructed of a visqueen type material and were bermed to reduce the possibility of overflow.

The soil was separated in the field as it was removed from the excavation according to the field PID measurements. The PID was calibrated daily to 50 parts per million (PPM, in air) hexane gas or an equivalent. Overburden soil not found to contain volatile organic constituents (by the PID) was separated for re-use as backfill. Soil found to contain elevated concentrations of volatile organics was staged for additional testing or removal. Volatile organic vapors emanating from the stockpiled soil did not exceed 50 mg/kg, therefore a South Coast Air Quality Management District (SCAQMD) rule 1166 excavation permit was not required. The vapor concentrations of the temporary soil stockpiles were measured at a distance of approximately three inches above the stockpiled soil during the excavation process to insure compliance with the SCAQMD rule 1166.

5.3.1 Excavation One - PCE Dispenser

Excavation One was completed between January 18, 1995 and March 15, 1995. The excavation was located in the former dispenser area and was approximately 80 feet across (from north to south), approximately 150 feet long (east to west) and extended to a depth of 29 feet. Figures 9 through 12 present maps of the excavation limits over time and soil sample collection locations as the excavation progressed. A chronology describing the daily site activities is presented in Appendix D.

A portion of the excavated soil was temporarily stockpiled and enclosed by a visqueen type material (Stockpile Two, Stockpile One was located within the excavation). Soil samples were collected from the stockpile to evaluate the soil. Copies of the laboratory analysis data are presented in

Appendix E, Section 1.0. The laboratory analysis data indicated that some of the soil contained concentrations of PCE in excess of 150 μg/kg. Following receipt of the laboratory analysis results, the soil was loaded into roll-off bins for additional characterization and disposal. Subsequently, soil anticipated to contain concentrations of PCE in excess of 150 μg/kg was loaded directly into lined, DOT approved roll-off type bins.

Once placed into the bins, the soil was covered with a visqueen type material and the roll-off bin lid (if present) was closed to further reduce the volatilization of organic vapors.

Excavation One was constructed in a phased approach to allow characterization of the existing soil and to provide safe working conditions. Excavation One was initiated by digging an X shaped trench approximately three feet deep across the suspected former dispenser area of the site. Soil samples were collected from the trench and submitted to the laboratory for analysis. Following receipt of the laboratory analysis results, the entire area suspected of containing PCE was excavated to a depth of approximately three feet and additional laboratory analyses were performed. The soil sample collection locations were measured with a tape measure and plotted on a map in reference to an arbitrary datum established on the south east corner of Hollywood Way and Vanowen Street. A grid was then established across the site and the soil samples were located on the grid. A portion of the grid is shown on Figure 9.

The excavation increased in size and was extended to a depth of five feet, then seven feet, and twelve feet and an equipment access ramp (Ramp 1) was built on the southeastern side of the excavation (see Figures 9 and 10). Soil samples were collected at five and ten foot depths to provide chemical analyses representative of the sidewall of the excavation and to guide the excavation. Visible discoloration was also used to direct the excavation, and the accessible locations that were most suspected of containing PCE were selected for sampling. If the laboratory analysis results indicated that the concentrations of PCE remaining in the excavation sidewall were in excess of 150 μg/kg, an additional five to ten feet of soil was removed laterally and vertically and new confirmation samples were collected. This process was continued until the concentrations of PCE detected were less than 150 μg/kg. Soil sample analysis results were generally received within 24 to 48 hours of sample collection.

The excavation soil samples were collected by hand in excavations of less than five feet in depth. Excavation sidewall and bottom soil samples collected from depths of greater than five feet were collected by lowering the excavator bucket into the excavation and bringing the bucket to the ground surface. The contents of the bucket were screened with the PID and a relatively undisturbed soil sample was collected from the bucket. Guidelines for the soil sample collection activities are included in Appendix C and details of the collection of excavation verification samples are discussed in section 5.4.0 (below).

The soil encountered during the excavation consisted primarily of slightly moist to moist, brown sand and silty sand with occasional cobbles. Caving of the sidewalls was common after drying. The lateral extent of the excavation was enlarged to provide benches approximately 10 feet wide around the excavation at a depth of approximately 12 feet. The excavation primarily centered on the area beneath the former PCE dispenser to a depth of approximately 14 feet. The PCE plume migration changed from primarily vertical to vertical with a southerly component at a depth of approximately 15 feet. This apparent shift seemed to be due to the presence of a gravel lense encountered at a depth of approximately 14 to 15 feet.

A second ramp (Ramp 2) was built on the northwestern side of the excavation to provide better access to the migrating plume and the excavation was extended to a depth of approximately 15 feet. (see Figures 10 and 11). The center of the adjusted excavation was then extended to a depth of 20 to 25 feet where a silty sand layer was encountered. Laboratory analyses were performed on soil samples collected from five foot vertical intervals to guide the excavation and to confirm the chemical composition of the material allowed to remain in place.

The excavation was once again widened to provide 10 to 15 foot wide berms around the excavation (at a depth of approximately 15 to 17 feet) and the excavation was extended to a depth of 29 feet. Table 8 (see section 5.3.4, below) presents a Summary of the Excavation Statistics for the Building 76A area soil remediation and Table 9 (section 5.5.0) presents a summary of the laboratory analysis results and the depth interval where the excavation sidewall and bottom soil samples were collected. Copies of the laboratory analysis results and chain-of-custody documents are presented in Appendix E, Section 2.0. Figure 12 presents a map showing the approximate soil sample collection locations and the final excavation limits. Figure 14 presents two cross sectional diagrams of the excavation area.

5.3.2 Excavation Two - Used Oil UST

Excavation Two was installed in the former used oil tank vicinity and was completed between March 15, 1995 and April 4, 1995. The excavation was a narrow wedge shaped excavation which extended to a depth of approximately ten feet in the vicinity of the former used oil tank (see Figure 13). This excavation was approximately thirty five feet wide and was partially located within Ramp Two. Soil samples were collected as described in section 5.3.1 (above) and in Appendix C. The soil samples were tested for the presence of PCE. The test methods employed and the laboratory analysis results are presented in Section 5.5.0 of this report. The measured locations where the soil samples were collected are depicted on Figure 13. Table 8 presents a Summary of Excavation Statistics and Table 10 presents a summary of the laboratory analysis results and the depth interval where soil samples were collected. Copies of the laboratory analysis results are presented in Appendix E, Section 2.0.

5.3.3 Excavation Three - Hydraulic Lift

Excavation Three was primarily completed between March 17, 1995 and April 4, 1995. This excavation was located near the western end of the former Building 76A, in the former vehicle lift area. The excavation was rectangular in shape, and was approximately 35 feet wide and 50 feet long with the equipment access ramp located on the northern side. The excavation extended to a depth of approximately 14 feet. Soil samples were collected as described in section 5.3.1 and in Appendix C. The soil samples were tested for the presence of PCE in excess of 150 μg/kg and oil. The test methods employed and the laboratory analysis results are presented in Section 5.5.0 of this report. The location and configuration of excavation three and the locations where the soil samples were collected are depicted on Figure 15. A summary of the excavation statistics and a summary of the laboratory analysis results for Excavation Three is presented in Tables 8 and 11. Copies of the laboratory analysis results are presented in Appendix E, Section 3.0.

5.3.4 Excavation Four - Ramp Area

Excavation Four was completed between March 14 and May 3, 1995. During the excavation of the equipment access Ramp Two (for Excavation One), discolored soil which contained detectable concentrations of volatile organic vapors (as measured by the PID) was encountered. The discolored soil was located on the southern side of the ramp in the vicinity of the former PCE UST. Two soil samples were collected from a depth of approximately three feet, in the areas suspected of containing hydrocarbons. The samples, labeled TT-CW-1 and TT-CW-2 were submitted to the laboratory for analysis (see Table 12 and Figure 16).

PCE and TRPH was detected in the soil samples (TT-CW-1 and TT-CW-2), and a fourth excavation was initiated. Excavation four was completed on the southern side of Ramp Two in the vicinity of the former PCE UST and piping. Excavation Four was wedge shaped, and was approximately 20 feet wide and 20 feet long and was open along the northern side. The excavation extended to a depth of approximately 14 feet. Soil samples were collected as described in section 5.3.1 and in Appendix C. The soil samples were tested for the presence of PCE in excess of 150 μg/kg, diesel fuel constituents or oil. The test methods employed and the laboratory analysis results are presented in Section 5.5.0 of this report. The location and configuration of excavation four and the locations where the soil samples were collected are depicted on Figure 16 and 17 and a summary of the excavation statistics and the laboratory analysis results for Excavation Four is presented in Tables 8 and 12. Copies of the laboratory analysis results are presented in Appendix E, Section 4.0.

Table 8
Summary of Excavation Statistics

SOIL CONTAINING PCE, TPH OR TRPH

Number	Depth	Diameter	Approx. Tons of Soil	Verification Samples
1(PCE*)	0' - 7'	80'	560	25
	7' - 12'	30'	80	16
	12' - 20'	30'	260	13
	20' - 25'	20'	40	8
	25' - 29'	20'	40	6
2(PCE**)	0' - 7'	35'	125	10
3(PCE**)	5' - 12'	35'	175	14
4(PCE**)	3' - 13'	20'	100	17
		TOTAL	1,380	109

Approx. Indicates approximate tons of soil removed.
PCE indicates tetrachloroethene (PCE) by USEPA Test Method 8010, 8240 or 8260 and TRPH.
Area marked with"*" also contains Total Petroleum Hydrocarbons-diesel by United States Environmental Protection Agency (USEPA) Test Method 8015 Modified.
Area marked with "**" contains Total Recoverable Petroleum Hydrocarbons (TRPH) according to USEPA Test Method 418.1.

5.4.0 *Task 4* Collection of Verification Soil Samples

A total of 109 verification soil samples were collected from the excavation sidewalls and bottoms to confirm the condition of the soil remaining in place. The soil samples were submitted to an on-site mobile laboratory [Advanced Technology Laboratories (ATL)] or to a stationary laboratory (Curtis and Tompkins, Ltd or ATL.) for analysis. Details of the analyses are presented in section 5.5.0 (below).

Soil samples were collected from the sidewalls of shallow excavations (up to 5 feet deep) by driving a hand sampling tool (ring sampler) into the desired sampling location and retrieving the sample or by manually pushing a clean soil sample container into the soil and digging the sample container from the soil. Details of the soil sampling and sample handling guidelines are presented in Appendix C and general sampling safety guidelines were presented in the site safety and health plan (LESAT, 1994).

Soil samples collected from deeper excavations were sampled by lowering the excavator bucket into the excavation and recovering a bucket full of soil. Care was taken to recover samples from the least disturbed portion of the excavation and the excavator bucket. The soil samples were recovered from the excavator bucket according to the soil sampling and sample handling guidelines (Appendix C).

5.5.0 *Task 5* Completion of Laboratory Analysis of Soil Samples

The soil samples collected during the field investigation were submitted to an on-site mobile laboratory for analysis. The analytical laboratory is certified by the State of California to perform the required analyses. The soil samples were accompanied by a chain-of-custody document from the time of sampling until the samples were received at the laboratory. The chain-of-custody document lists the personnel that handled the samples and the sample condition upon arrival at the laboratory. Copies of the chain-of-custody documents are presented with the laboratory analysis results in Appendix E and F. Selected soil samples were analyzed by one or more of the following methods:

- United States Environmental Protection Agency (USEPA) Method 8010, for the presence of VOC's,
- USEPA Method 8015 Modified for Diesel, for TPH in the diesel fuel range,
- USEPA Method 418.1 for the presence of TRPH,
- USEPA Methods 7421 for organic lead,
- USEPA Extraction Method 1311 for the Toxicity Characteristic Leaching Potential (TCLP) VOC analysis.

Tables 9 through 12 present a summary of the Plant A1 South, Building 76A area PCE concentrations detected in the verification soil samples collected from the excavation base and sidewalls.

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TABLE 9
Plant A1 South, Building 76A Area, Excavation One
PCE and TPH Concentrations Detected in Verification
Soil Samples Collected from Depths of 2 to 4 feet.
(January 18, 1995)

Coordinates	Depth (feet)	Date	Concentration (mg/kg)	
			PCE	TPH
38' - 131'	3'	1/18/95	2.600	ND
27' - 130'	3'	1/18/95	0.330	ND
37' - 163'	3'	1/18/95	0.990	6,400
49' - 145'	2'	1/18/95	7.400	*110▾
46' - 141'	4'	1/18/95	0.170	ND
69' - 160'	4'	1/18/95	0.105	36
27' - 130'	2'	1/18/95	0.0216	4
58' - 122'	3'	1/18/95	0.660	ND
73' - 140'	3'	1/18/95	1.560	10
32' - 163'	3'	1/18/95	NA	10
21' - 146'	2'	1/18/95	NA	54
18	3'	1/18/95	NA	ND▾
20	3'	1/18/95	NA	33▾
21	3'	1/18/95	NA	14▾

mg/kg — Indicates milligrams per kilogram

Coordinates — Indicates the southerly distance measured (by tape) from an east-west trending datum and the westerly distance from a north-south trending datum. The "0" datum are located at and are parallel to the curb along the eastern boundary of the site on Hollywood Way. The east/west datum dissects the site perpendicular to Hollywood Way (see Figure 9). The intersection of the datum is located at the intersection of Van Owen Street and Hollywood Way.

Location — Indicates sidewall (S) or base (B) of the excavation at the date sampled.

Date — Indicates the date the sample was collected, and/or the analysis date.

NA — Indicates that the soil sample was held and not analyzed, ND indicates that the analytes were not detected.

* — Indicates that the sample contained compounds in the diesel and motor oil range that co-elute.

Soil samples collected from the excavation and analyzed by United States Environmental Protection Agency (USEPA) Method 8010 for the presence of tetrachloroethene (PCE), for Total Petroleum Hydrocarbons by USEPA or California Department of Health Services Method 8015 modified and for Total Recoverable Petroleum Hydrocarbons (TRPH) by USEPA method 418.1 modified.

▾ — Indicates samples analyzed by USEPA Method 418.1

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TABLE 9
Plant A1 South, Building 76A Area, Excavation One
PCE and TPH Concentrations Detected in Verification
Soil Samples Collected from Depths of 5 to 7 feet.
(January 26 and 30, 1995)

Coordinates	Depth (feet)	Location	Date	Status	Concentration (mg/kg)	
					PCE	TPH-D
46' - 179'	5'	Sidewall	1/18/95	P	0.007	NA
60' - 146'	5'	Base	1/18/95	P	0.017	NA
41' - 138'	6'	Base	1/18/95	P	0.014	NA
49' - 162'	5'	Sidewall	1/18/95	P	0.015	NA
29' - 121'	5'	Sidewall	1/26/95	P	ND	NA
39' - 121'	5'	Base	1/---/95	P	NA	NA
49' - 121'	5'	Base	1/26/95	P	0.005	NA
29' - 129'	6'	Base	1/---/95	P	NA	NA
39' - 129'	5'	Base	1/---/95	P	NA	NA
49' - 129'	**5'**	**Base**	**1/26/95**	**R**	**0.780**	NA
59' - 129'	5'	Base	1/---/95	P	NA	NA
69' - 129'	5'	Sidewall	1/26/95	P	0.007	NA
28' - 138'	7'	Base	1/26/95	P	ND	NA
38' - 138'	5'	Base	1/---/95	P	NA	NA

mg/kg — indicates milligrams per kilogram

Coordinates — Indicates the southerly distance from an east-west trending datum and the westerly distance from a north-south trending datum. The "0" datum are located at and are parallel to the curb along the eastern boundary of the site on Hollywood Way. The east/west datum dissects the site perpendicular to Hollywood Way (see Figure 9). The intersection of the datum is located at the intersection of Van Owen Street and Hollywood Way. The sample collection locations were measured in the field with a fiberglass tape and are considered to be accurate to plus or minus 2.5 feet

Location — Indicates sidewall (S) or base (B) of the excavation at the date sampled.

Status — Indicates current status of the soil, **bold type indicates removed (R)** during excavation or present (P) verification sample.

Date — Indicates the date the sample was collected, and/or the analysis date.

NA — Indicates that the soil sample was held and not analyzed, ND indicates that the analytes were not detected.

Soil samples collected from the excavation and analyzed by United States Environmental Protection Agency (USEPA) Method 8010 for the presence of tetrachloroethene (PCE) and for Total Petroleum Hydrocarbons as diesel (TPH-D) by California Department of Health Services (DOHS) method 8015 modified..

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TABLE 9 (Continued)
Plant A1 South, Building 76A Area, Excavation One
PCE and TPH Concentrations Detected in Verification
Soil Samples Collected from Depths of 5 to 7 feet.
(January 20 and 30, 1995)

Coordinates	Depth (feet)	Location	Date	Status	Concentration (mg/kg)	
					PCE	TPH-D
48' - 138'	5'	Base	1/26/95	P	0.006	NA
58' - 138'	5'	Base	1/---/95	P	NA	NA
68' - 138'	5'	Base	1/---/95	P	NA	NA
28' - 147'	6'	Base	1/---/95	P	NA	NA
38' - 147'	**5'**	**Base**	**1/26/95**	**R**	**9.400**	NA
48' - 147'	**5'**	**Base**	**1/26/95**	**R**	**0.350**	NA
58' - 147'	5'	Base	1/26/95	P	0.052	NA
68' - 147'	5'	Base	1/---/95	P	NA	NA
28' - 158'	5'	Sidewall	1/26/95	P	0.013	NA
38' - 158'	5'	Base	1/---/95	P	NA	NA
48' - 158'	5'	Base	1/---/95	P	NA	NA
58' - 158'	5'	Base	1/---/95	P	NA	NA

mg/kg — Indicates milligrams per kilogram

Coordinates — Indicates the southerly distance from an east-west trending datum and the westerly distance from a north-south trending datum. The "0" datum are located at and are parallel to the curb along the eastern boundary of the site on Hollywood Way. The east/west datum dissects the site perpendicular to Hollywood Way (see Figure 9). The intersection of the datum is located at the intersection of Van Owen Street and Hollywood Way. The sample collection locations were measured in the field with a fiberglass tape and are considered to be accurate to plus or minus 2.5 feet

Location — Indicates sidewall (S) or base (B) of the excavation at the date sampled.

Status — Indicates current status of the soil, **bold type indicates removed (R)** during the excavation or present (P) verification sample.

Date — Indicates the date the sample was collected, and/or the analysis date.

NA — Indicates that the soil sample was held and not analyzed, ND indicates that the analytes were not detected.

Soil samples collected from the excavation and analyzed by United States Environmental Protection Agency (USEPA) Method 8010 for the presence of tetrachloroethene (PCE) and for Total Petroleum Hydrocarbons as diesel (TPH-D) by California Department of Health Services (DOHS) method 8015 modified.

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FIGURES

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APPENDIX B

TABLE 9 (Continued)
Plant A1 South, Building 76A Area, Excavation One
PCE and TPH Concentrations Detected in Verification Soil Samples Collected from Depths of 3 to 16 feet.
(February 15 Through 22, 1995)

Coordinates	Depth (feet)	Location	Date	Status	Concentration (mg/kg)	
					PCE	TPH-D
30' - 171'	**3'**	**Base**	**2/15/95**	**R**	**0.830**	**NA**
35' - 168' (W)	**10'**	**Base**	**2/15/95**	**R**	**1.250**	**NA**
46' - 162' (S)	**10'**	**Base**	**2/15/95**	**R**	**25.200**	**NA**
28' - 159' (N)	**10'**	**Base**	**2/15/95**	**R**	**0.047**	**NA**
44' - 149' (E)	**10'**	**Base**	**2/15/95**	**R**	**22.000**	**NA**
53' - 165'	10'	Sidewall	2/17/95	P	0.059	NA
48' - 140'	**7'**	**Sidewall**	**2/15/95**	**R**	**0.025**	**NA**
48' - 137'	**8'**	**Sidewall**	**2/15/95**	**P**	**0.038**	**NA**
43' - 156'*	**15'**	**Base**	**2/17/95**	**R**	**0.350**	**NA**
41' - 143'*	**15'**	**Base**	**2/17/95**	**R**	**21.300**	**NA**
51' - 140'*	**15'**	**Base**	**2/17/95**	**R**	**0.408**	**NA**
38' - 158'*	**15'**	**Sidewall**	**2/17/95**	**R**	**0.053**	**NA**
31' - 135'	15'	Sidewall	2/22/95	P	ND	NA

Coordinates — Indicates the southerly distance from an east-west trending datum and the westerly distance from a north-south trending datum. The "0" datum are located at and are parallel to the curb along the eastern boundary of the site on Hollywood Way. The east/west datum dissects the site perpendicular to Hollywood Way (see Figure 9). The intersection of the datum is located at the intersection of Van Owen Street and Hollywood Way. The sample collection locations were measured in the field with a fiberglass tape and are considered to be accurate to plus or minus 5 feet

Location — Indicates sidewall (S) or base (B) of the excavation at the date sampled.

Status — Indicates current status of the soil, **bold type indicates removed (R)** during the excavation or present (P) verification sample.

NA — Indicates that the soil sample was held and not analyzed, ND indicates that the analytes were not detected.

Soil samples collected from the excavation and analyzed by United States Environmental Protection Agency (USEPA) Method 8010 for the presence of tetrachloroethene (PCE) and for Total Petroleum Hydrocarbons as diesel (TPH-D) by California Department of Health Services (DOHS) method 8015 modified. mg/kg indicates milligrams per kilogram

* Indicates that the original coordinates listed on the laboratory analysis results are incorrect. The original coordinates and the corrected coordinates are as follows:

Original	Corrected	Original	Corrected
32' - 167'	43' - 156'	40' - 151'	51' - 140'
30' - 154'	41' - 143'	45' - 155'	38' - 158'
30' - 171'	35' - 163'		

(N) — Indicates the sample number listed on the laboratory analysis Results. The samples were labeled as excavation north (etc) in the field and the coordinates were assigned at a later time. (S=South, E=East, W=West and C=Center)

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TABLE 9 (Continued)
Plant A1 South, Building 76A Area, Excavation One
PCE and TPH Concentrations Detected in Verification
Soil Samples Collected from Depths of 15 to 29 feet.
(February 23 Through March 3, 1995)

Coordinates	Depth (feet)	Location	Date	Status	Concentration (mg/kg)	
					PCE	TPH-D
28' - 149' (N)	15'	Sidewall	2/23/95	P	ND	ND
61' - 144' (S)	**15'**	**Sidewall**	**2/23/95**	**R**	**ND**	**ND***
47' - 133' (E)	**15'**	**Sidewall**	**2/23/95**	**R**	**ND**	**ND**
52' - 162' (W)	**15'**	**Sidewall**	**2/23/95**	**R**	**ND**	**ND**
33' - 173' (W)	17'	Base	3/2/95	P	ND	ND*
45' - 139' (E)	20'	Sidewall	2/23/95	P	ND	ND*
47' - 159' (W)	**20'**	**Sidewall**	**2/23/95**	**R**	**ND**	**ND***
58' - 151' (S)	**20'**	**Sidewall**	**2/23/95**	**R**	**ND**	**ND**
41' - 146' (N)	20'	Sidewall	3/1/95	P	ND	ND*
55' - 149' (NW)	**25'**	**Sidewall**	**3/1/95**	**R**	**0.006**	**ND**
66' - 160' (SE)	25'	Sidewall	3/1/95	P	ND	ND*
64' - 161' (SW)	25'	Sidewall	3/1/95	P	ND	ND*
55' - 154' (C)	28'	Base	3/1/95	P	ND	ND*
54' - 161' (SW)	29'	Base	3/1/95	P	ND	ND*
51' - 154' (N)	24'	Sidewall	3/3/95	P	ND	ND
61' - 150' (E)	**24'**	**Sidewall**	**3/3/95**	**R**	**ND**	**ND**
58' - 164' (W)	24'	Sidewall	3/3/95	P	ND	ND
66' - 156' (S)	24'	Sidewall	3/3/95	P	ND	ND

mg/kg — Indicates milligrams per kilogram

Coordinates — Indicates the southerly distance from an east-west trending datum and the westerly distance from a north-south trending datum. The "0" datum are located at and are parallel to the curb along the eastern boundary of the site on Hollywood Way. The east/west datum dissects the site perpendicular to Hollywood Way (see Figure 9). The intersection of the datum is located at the intersection of Van Owen Street and Hollywood Way. The sample collection locations were measured in the field with a fiberglass tape and are considered to be accurate to plus or minus 5 feet

Location — Indicates sidewall (S) or base (B) of the excavation at the date sampled.

Status — Indicates status of the soil, **bold type indicates removed (R)** during excavation or present (P) verification sample.

Date — Indicates the date the sample was collected, and/or the analysis date.

NA — Indicates that the soil sample was held and not analyzed, ND indicates that the analytes were not detected.

(N) — Indicates the sample number listed on the laboratory analysis Results. The samples were labeled as excavation north (etc) in the field and the coordinates were assigned at a later time. (S=South, E=East, W=West and C=Center)

Soil samples collected from the excavation and analyzed by United States Environmental Protection Agency (USEPA) Method 8010 for the presence of tetrachloroethene (PCE) and for Total Petroleum Hydrocarbons as diesel (TPH-D) by California Department of Health Services (DOHS) method 8015 modified.

* Indicates the sample was analyzed for lead by USEPA Method 7420. Lead was not detected in these samples

TABLE 9 (Continued)
Plant A1 South, Building 76A Area, Excavation One
PCE and TPH Concentrations Detected in Verification Soil Samples Collected from Depths of 5 to 10 feet.
(March 7, 1995)

Coordinates	Depth (feet)	Location	Date	Status	Concentration (mg/kg)	
					PCE	TPH-D
24' - 192'	5'	Sidewall	3/7/95	P	NA	ND
8' - 177'	5'	Sidewall	3/7/95	P	NA	ND
8' - 151'	5'	Sidewall	3/7/95	P	NA	ND
25' - 126'	5'	Sidewall	3/7/95	P	NA	ND
63' - 130'	5'	Sidewall	3/7/95	P	NA	ND
63' - 160'	5'	Sidewall	3/7/95	P	NA	ND
67' - 168'	5'	Sidewall	3/7/95	P	NA	ND
33' - 190'	10'	Base	3/7/95	P	NA	ND
12' - 167'	10'	Base	3/7/95	P	NA	ND
14' - 143'	10'	Sidewall	3/7/95	P	NA	20
30' - 125'	10'	Sidewall	3/7/95	P	NA	ND
63' - 131'	10'	Sidewall	3/7/95	P	NA	ND
64' - 140'	10'	Sidewall	3/7/95	P	NA	ND
62' - 164'	10'	Sidewall	3/7/95	P	NA	ND
60' - 179'	10'	Sidewall	3/7/95	P	NA	ND

mg/kg — Indicates milligrams per kilogram

Coordinates — Indicates the southerly distance from an east-west trending datum and the westerly distance from a north-south trending datum. The "0" datum are located at and are parallel to the curb along the eastern boundary of the site on Hollywood Way. The east/west datum dissects the site perpendicular to Hollywood Way (see Figure 9). The intersection of the datum is located at the intersection of Van Owen Street and Hollywood Way. The sample collection locations were measured in the field with a fiberglass tape and are considered to be accurate to plus or minus 2.5 feet

Location — Indicates sidewall (S) or base (B) of the excavation at the date sampled.

Status — Indicates current status of soil, **bold type indicates removed (R)** during excavation or present (P) verification sample.

Date — Indicates the date the sample was collected, and/or the analysis date.

NA — Indicates that the soil sample was held and not analyzed, ND indicates that the analytes were not detected.

Soil samples collected from the excavation and analyzed by United States Environmental Protection Agency (USEPA) Method 8010 for the presence of tetrachloroethene (PCE) and for Total Petroleum Hydrocarbons as diesel (TPH-D) by California Department of Health Services (DOHS) method 8015 modified.

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TABLE 9 (Continued)
Plant A1 South, Building 76A Area, Excavation One
PCE and TPH Concentrations Detected in Verification
Soil Samples Collected from Depths of 5 to 10 feet.
(March 7, 1995)

Coordinates	Depth (feet)	Location	Date	Status	Concentration (mg/kg)	
					PCE	TPH-D
24' - 192'	5'	Sidewall	3/7/95	P	NA	ND
8' - 177'	5'	Sidewall	3/7/95	P	NA	ND
8' - 151'	5'	Sidewall	3/7/95	P	NA	ND
25' - 126'	5'	Sidewall	3/7/95	P	NA	ND
63' - 130'	5'	Sidewall	3/7/95	P	NA	ND
63' - 160'	5'	Sidewall	3/7/95	P	NA	ND
67' - 168'	5'	Sidewall	3/7/95	P	NA	ND
33' - 190'	10'	Base	3/7/95	P	NA	ND
12' - 167'	10'	Base	3/7/95	P	NA	ND
14' - 143'	10'	Sidewall	3/7/95	P	NA	20
30' - 125'	10'	Sidewall	3/7/95	P	NA	ND
63' - 131'	10'	Sidewall	3/7/95	P	NA	ND
64' - 140'	10'	Sidewall	3/7/95	P	NA	ND
62' - 164'	10'	Sidewall	3/7/95	P	NA	ND
60' - 179'	10'	Sidewall	3/7/95	P	NA	ND

mg/kg — Indicates milligrams per kilogram

Coordinates — Indicates the southerly distance from an east-west trending datum and the westerly distance from a north-south trending datum. The "0" datum are located at and are parallel to the curb along the eastern boundary of the site on Hollywood Way. The east/west datum dissects the site perpendicular to Hollywood Way (see Figure 9). The intersection of the datum is located at the intersection of Van Owen Street and Hollywood Way. The sample collection locations were measured in the field with a fiberglass tape and are considered to be accurate to plus or minus 2.5 feet

Location — Indicates sidewall (S) or base (B) of the excavation at the date sampled.

Status — Indicates current status of soil, **bold type indicates removed (R)** during excavation or present (P) verification sample.

Date — Indicates the date the sample was collected, and/or the analysis date.

NA — Indicates that the soil sample was held and not analyzed, ND indicates that the analytes were not detected.

Soil samples collected from the excavation and analyzed by United States Environmental Protection Agency (USEPA) Method 8010 for the presence of tetrachloroethene (PCE) and for Total Petroleum Hydrocarbons as diesel (TPH-D) by California Department of Health Services (DOHS) method 8015 modified.

limits of excavation

limits of excavations

FIGURES

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APPENDIX

TABLE 10
Plant A1 South, Building 76A Area, Excavation Two
PCE and TRPH Concentrations Detected in Verification Soil Samples Collected from Depths of 3 to 9 feet.
(March 15 and 22, 1995)

Coordinates	Depth (feet)	Location	Date	Status	Concentration (mg/kg)	
					PCE	TRPH
42' - 255'	3'	Sidewall	3/15/95	P	NA	90
44' - 235'	5'	Sidewall	3/15/95	P	0.075	ND
39' - 240'	**7'**	**Base**	**3/15/95**	**R**	**0.113**	**ND**
41' - 245'	**8'**	**Base**	**3/15/95**	**R**	**0.118**	**4.8**
36' - 234'	5'	Sidewall	3/15/95	P	0.136	ND
50' - 230'	**9'**	**Base**	**3/22/95**	**R**	**0.016**	**26**
59' - 225'	6'	Sidewall	3/22/95	P	ND	ND
59' - 231'	6'	Sidewall	3/22/95	P	0.089	ND
39' - 229'	5'	Sidewall	3/22/95	P	0.059	ND
40' - 221'	5'	Sidewall	3/22/95	P	0.0056	11

/kg Indicates milligrams per kilogram

ordinates Indicates the southerly distance from an east-west trending datum and the westerly distance from a north-south trending datum. The "0" datum are located at and are parallel to the curb along the eastern boundary of the site on Hollywood Way. The east/west datum dissects the site perpendicular to Hollywood Way (see Figure 9). The intersection of the datum is located at the intersection of Van Owen Street and Hollywood Way. The sample collection locations were measured in the field with a fiberglass tape and are considered to be accurate to plus or minus 2.5 feet

ation Indicates sidewall (S) or base (B) of the excavation at the date sampled.

us Indicates current status of soil, **bold type indicates removed (R)** during excavation or present (P) verification sample.

Indicates the date the sample was collected, and/or the analysis date.

Indicates that the soil sample was held and not analyzed, ND indicates that the analytes were not detected.

samples collected from the excavation and analyzed by United States Environmental Protection Agency (USEPA) Method 8010 for the presence of tetrachloroethene (PCE) and for Total Petroleum Hydrocarbons as diesel (TPH-D) by California Department of Health Services (DOHS) method 8015 modified.

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TABLE 11
Plant A1 South, Building 76A Area, Excavation Three
PCE and TPH Concentrations Detected in Verification Soil Samples Collected from Depths of 3 to 13 feet.
(March 17, 20 and 24)

Coordinates	Depth (feet)	Location	Date	Status	Concentration (mg/kg)	
					PCE	TRPH
2' - 311'	11'	Base	3/17/95	P	0.080	ND
(-2') - 323'	**11'**	**Base**	**3/17/95**	**R**	**0.160**	8.0
(-10') - 316'	12'	Base	3/17/95	P	0.143	ND
10' - 317'	13'	Base	3/17/95	P	0.088	ND
(-11') - 294'	3'	Sidewall	3/20/95	P	NA	16
(-20') - 317'	5'	Base	3/20/95	R	NA	NA
(-25') - 313'	4'	Base	3/20/95	R	NA	NA
(-31') - 319'	5'	Base	3/20/95	R	NA	NA
(-1') - 324'	14'	Base	3/24/95	P	ND	43
(-8') - 317'	14'	Base	3/24/95	P	ND	ND
(-1') - 304'	10'	Base	3/24/95	P	ND	ND
5' - 302'	9'	Sidewall	3/24/95	P	ND	6.0
(-15') - 303'	8'	Sidewall	3/24/95	P	ND	ND
(-22') - 307'	9'	Base	3/24/95	P	ND	ND
(-14') - 332'	9'	Base	3/24/95	P	0.088	21
(0') - 332'	10'	Sidewall	3/24/95	P	ND	4
11' - 333'	11'	Base	3/24/95	P	0.106	ND

mg/kg — Indicates milligrams per kilogram

Coordinates — Indicates the southerly distance from an east-west trending datum and the westerly distance from a north-south trending datum. The "0" datum are located at and are parallel to the curb along the eastern boundary of the site on Hollywood Way. The east/west datum dissects the site perpendicular to Hollywood Way (see Figure 9). The intersection of the datum is located at the intersection of Van Owen Street and Hollywood Way. The sample collection locations were measured in the field with a fiberglass tape and are considered to be accurate to plus or minus 2.5 feet

Location — Indicates sidewall (S) or base (B) of the excavation at the date sampled.

Status — Indicates current status of soil, **bold type indicates removed (R)** during excavation or present (P) verification sample.

Date — Indicates the date the sample was collected, and/or the analysis date.

NA — Indicates that the soil sample was held and not analyzed, ND indicates that the analytes were not detected.

Soil samples collected from the excavation and analyzed by United States Environmental Protection Agency (USEPA) Method 8010 for the presence of tetrachloroethene (PCE) and Total Recoverable Petroleum Hydrocarbons (TRPH) by USEPA method 418.1.

TABLE 12
Plant A1 South, Building 76A Area, Ramp Excavation
PCE and TRPH Concentrations Detected in Verification Soil Samples Collected from Depths of 3 to 11 feet.
(March 2 Through April 4, 1995)

Coordinates	Depth (feet)	Location	Date	Status	Concentration (mg/kg) PCE	TRPH
56' - 184'(TT-CW-1)	**3'**	**Sidewall**	**2/28/95**	**R**	**ND**	**88**
56' - 178'(TT-CW-2)	**3'**	**Sidewall**	**3/2/95**	**R**	**0.206**	**45**
72' - 188'	6'	Sidewall	3/15/95	P	0.137	17
68' - 172'	**8'**	**Base**	**3/15/95**	**R**	**0.194**	**37**
60' - 180'	**5'**	**Base**	**3/15/95**	**R**	**0.169**	**14**
74' - 180'	**9'**	**Base**	**3/24/95**	**R**	**0.267**	**19**
67' - 184'	**9'**	**Base**	**3/24/95**	**R**	**0.630**	**19**
75' - 174'	9'	Sidewall	3/24/95	P	0.146	4.8
61' - 179'	9'	Sidewall	3/24/95	P	0.015	11
74' - 185'	9'	Sidewall	3/24/95	P	0.046	15
69' - 172'	9'	Sidewall	3/24/95	P	0.0068	4.4
74' - 179'	**11'**	**Base**	**3/31/95**	**R**	**0.385**	**73**
74' - 179'	13'	Base	3/31/95	P	0.0088	ND
74' - 172'	11'	Base	3/31/95	R	ND	ND
74' - 172'	13'	Base	3/31/95	P	ND	ND
65' - 176'	11'	Base	3/31/95	R	ND	ND
65' - 176'	13'	Base	3/31/95	P	ND	ND

mg/kg — Indicates milligrams per kilogram

Coordinates — Indicates the southerly distance from an east-west trending datum and the westerly distance from a north-south trending datum. The "0" datum are located at and are parallel to the curb along the eastern boundary of the site on Hollywood Way. The east/west datum dissects the site perpendicular to Hollywood Way (see Figure 9). The intersection of the datum is located at the intersection of Van Owen Street and Hollywood Way. The sample collection locations were measured in the field with a fiberglass tape and are considered to be accurate to plus or minus 2.5 feet.

Location — Indicates sidewall (S) or base (B) of the excavation at the date sampled.

Status — Indicates current status of soil, **bold type indicates removed** (R) during excavation or present (P) verification sample.

Date — Indicates the date the sample was collected, and/or the analysis date.

NA — Indicates that the soil sample was held and not analyzed, ND indicates that the analytes were not detected.

Soil samples collected from the excavation and analyzed by United States Environmental Protection Agency (USEPA) Method 8010 for the presence of tetrachloroethene (PCE) and Total Recoverable Petroleum Hydrocarbons (TRPH) by USEPA method 418.1.

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TABLE 12 (Continued)
Plant A1 South, Building 76A Area, Ramp Excavation
PCE and TRPH Concentrations Detected in Verification
Soil Samples Collected from Depths of 11 to 13 feet.
(April 4 and 5, 1995)

Coordinates	Depth (feet)	Location	Date	Status	Concentration (mg/kg)	
					PCE	TRPH
81' - 180'	8'	Sidewall	4/3/95	P	0.065	ND
77' - 178'	12'	Base	4/3/95	P	0.0099	ND
78' - 172'	12'	Base	4/3/95	P	ND	ND
74' - 180'	**12'**	**Base**	**4/3/95**	**R**	**0.590**	**38**
79' - 188'	9'	Base	4/3/95	P	0.034	5.6
74' - 180'	13'	Base	4/4/95	P	0.022	ND
72' - 183'	13'	Base	4/4/95	P	0.045	8.8
76' - 183'	13'	Base	4/4/95	P	0.034	ND

mg/kg — Indicates milligrams per kilogram

Coordinates — Indicates the southerly distance from an east-west trending datum and the westerly distance from a north-south trending datum. The "0" datum are located at and are parallel to the curb along the eastern boundary of the site on Hollywood Way. The east/west datum dissects the site perpendicular to Hollywood Way (see Figure 9). The intersection of the datum is located at the intersection of Van Owen Street and Hollywood Way. The sample collection locations were measured in the field with a fiberglass tape and are considered to be accurate to plus or minus 2.5 feet

Location — Indicates sidewall (S) or base (B) of the excavation at the date sampled.

Status — Indicates current status of soil, **bold type indicates removed (R)** during excavation or present (P) verification sample.

Date — Indicates the date the sample was collected, and/or the analysis date.

NA — Indicates that the soil sample was held and not analyzed, ND indicates that the analytes were not detected.

Soil samples collected from the excavation and analyzed by United States Environmental Protection Agency (USEPA) Method 8010 for the presence of tetrachloroethene (PCE) and for Total Recoverable Petroleum Hydrocarbons (TRPH) by USEPA method 418.1.

5.6.0 *Task 6* Backfilling and Compaction of Excavations

Tetra Tech, Inc. collected soil samples from the proposed import soil at Hansen Dam and submitted the soil samples for laboratory analysis. The soil samples were analyzed for the presence of organic and inorganic constituents as well as for engineering properties. Copies of the laboratory analysis results and supporting documents are presented as Appendix E, Section 6.0.

The results of the sampling indicated that the soil met Lockheed Martin Corporation requirements for use. The Import soil sample analysis results were forwarded to the CRWQCB for review and approval prior to use. Once approved, a total of 2017 tons of soil was placed into the excavations in thin uniform lifts and compacted to at least 90 percent relative density, and to the original surface configuration. The excavation backfilling and compaction process was observed and tested by Tetra Tech, Inc.. Tetra Tech, Inc. prepared a soil compaction report certifying the soil backfill. The report is signed by a State of California Registered Geologist. A copy of the report is included as Appendix G.

5.7.0 *Task 7* Handling and Disposal of Rinsate Water and Excavated Soil

The equipment rinsate water and the excavated soil was characterized and transported to an appropriately permitted facility. Section 5.7.1 addresses the equipment rinsate water and Section 5.7.2 addresses excavation one and excavation four, and excavations two and three.

5.7.1 Rinsate Water

One 55 gallon drum of rinsate water was generated during the Soil Characterization Field Study. A water sample was collected from the drum on March 3, 1995 and submitted to the laboratory for analysis. The sample was analyzed for the presence of TPH and PCE by USEPA method 8015 and 8240 respectively, and the sample analysis results were used to characterize the contents of the drum for disposal. Although PCE and TPH were not detected in the equipment rinse water, the liquid was sent to McKittrick Waste Treatment Site for recycling/disposal following receipt of the laboratory analysis results. Copies of the disposal documents are presented in Appendix G.

5.7.2 Excavated Soil

Excavation One included the soil found beneath the dispenser at Building 76A and Excavation Four included the soil from the south side of Ramp Two which was located in the former PCE UST area. The soil excavated from these areas was shipped to the Laidlaw Aptus landfill, located at Aragonite Utah or to the Laidlaw Westmorland landfill located at Westmorland California. Soil

shipped to Aptus, was incinerated and subsequently disposed of at the Class I landfill. Soil shipped to Westmorland was disposed of at the Laidlaw Class I landfill.

The soil was characterized for disposal by excavating the soil and placing the soil directly into a roll-off type bin. Approximately 10 tons of soil was placed into each bin. The surface of the soil within the bin was then divided into ten equal sections. Each of these sections was divided into two sections (the top and bottom). The sections were numbered and a random numbers table was used to select three sections for sampling. The soil samples were then collected from the central area of each of the three sections selected for sampling. The three soil samples collected from each bin were submitted to the laboratory, extracted and the three sample extracts were composited for analysis. A copy of the Lockheed Martin Corporation Interim Guidelines for Collecting Profile Soil Samples Containing Volatile Constituents from Roll-off Bins is presented in Appendix H, Section 1.0. Table 13 (below) presents the results of the sample analysis and the disposition of each bin of soil from these two excavations. Copies of the laboratory analysis results are presented in Appendix E, Section 5.0.

The soil discussed above was shipped under Uniform Hazardous Waste Manifest tracking documents. Copies of the returned manifests (signed by the receiving facility) and the certificate of disposal documents (from Laidlaw) for the soil delivered to the Laidlaw Aptus facility are presented in Appendix H, Section 2.0.

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TABLE 13
Plant A1 South, Building 76A Area, Excavation One,
Summary of PCE Concentrations Detected in Roll-off Bin
Soil Samples Collected from Soil Excavated from Depths of 2 to 7 Feet.
(January 17, 18, 20 and February 2, 1995)

Bin No.	Sample	Date	Concentration (mg/kg)	Disposition	Date
20414	A	1/18/95	36.00		
20414	B	1/18/95	6.70		
20414	Random (Sections 12,6,10)	2/2/95	1.637	Class I,	2/13/95
20380	A	1/18/95	32.00		
20380	B	1/18/95	2.30		
20380	Random (Sections 19,12,8)	2/2/95	1.482	Class I,	2/13/95
20406	A	1/18/95	92.00		
20406	B	1/18/95	68.00		
20406	Random (Sections 20,8,4)	2/2/95	5.020	Class I,	2/13/95
20372	A	1/18/95	48.00		
20372	B	1/18/95	6.60		
20372	Random (Sections 3,19,9)	2/2/95	2.947	Class I,	2/13/95
20352	A	1/18/95	105.00		
20352	B	1/18/95	87.00		
20352	Random (Sections 8,3,15)	2/2/95	3.754	Class I,	2/13/95
20353	A	1/18/95	37.00		
20353	B	1/18/95	26.00		
20353	Random (Sections 11,20,4)	2/2/95	7.714	Incinerate,	2/13/95

Two screening soil samples were collected from each roll-off bin on January 18, 1995 (labeled A and B).
Soil samples A and B were the initial screening soil samples collected from the Roll-off bins and analyzed by United States Environmental Protection Agency Method 8010. The screening soil samples were collected by using a photoionization detector to locate the area emitting the greatest concentration of volatile constituents from the 1166 monitoring. The random soil samples were collected on February 2, 1995 according to the Lockheed Martin Interim Guidelines for Collecting Profile Soil Samples of Volatile Constituents from Roll-off Bins (see Appendix H). The section numbers indicate which of 20 sections were sampled.

(Roll-off) Bin No.	Indicates the individual bin number welded onto each bin.
Disposition	Indicates the location to which the soil was moved and the ultimate means of disposal of the soil.
Incinerate	Indicates the soil was shipped to Aptus, located in Aragonite Utah for incineration and disposal at the Class I landfill.
Class I	Indicates that this soil was shipped to Westmorland, California for disposal at the Laidlaw Class I landfill.
mg/kg	Indicates milligrams per kilogram.

TABLE 13 (Continued)
Plant A1 South, Building 76A Area, Excavation One,
Summary of PCE Concentrations Detected in Roll-off Bin
Soil Samples Collected from Soil Excavated from Depths of 2 to 7 Feet.
(January 17, 18, 20 and February 2, 1995)

Bin No.	Sample	Date	Concentration (mg/kg)	Disposition	Date
20540	Composite	1/20/95	10.60		
20540	Random (Sections 16,13,2)	2/2/95	2.748	Class I,	2/13/95
20330	Composite	1/20/95	47.30		
20330	Random (Sections 15,4,6)	2/2/95	206.970	Incinerate,	2/13/95
20355	Composite	1/20/95	12.20		
20355	Random (Sections 5,15,6)	2/2/95	1.270	Class I,	2/13/95
20329	Composite	1/20/95	6.680		
20329	Random (Sections 1,10,13)	2/2/95	0.023	Class I,	2/13/95
20325	Composite	1/20/95	20.40		
20325	Random (Sections 10,6,13)	2/2/95	0.835	Class I,	2/13/95
20385	Composite	1/20/95	0.082		
20385	Random (Sections 3,2,18)	2/2/95	0.0088	Class I,	2/13/95
20320	Composite	1/20/95	1.470		
20320	Random (Sections 4,16,11)	2/2/95	0.851	Class I,	2/13/95
20547	Composite	1/20/95	2.600		
20547	Random (Sections 14,16,3)	2/2/95	0.023	Class I,	2/13/95

Screening soil samples collected on January 20, 1995 were composite soil samples collected from the locations emitting the greatest concentrations of volatile constituents. Soil samples were collected from the Roll-off bins and analyzed by United States Environmental Protection Agency Method 8010. The screening soil samples were collected by using a photoionization detector to locate the area emitting the greatest concentration of volatile constituents from the 1166 monitoring. The random soil samples were collected on February 2, 1995 according to the Lockheed Martin Interim Guidelines for Collecting Profile Soil Samples of Volatile Constituents from Roll-off Bins (see Appendix H). The section numbers indicate which of 20 sections were sampled.

(Roll-off) Bin No.	Indicates the individual bin number welded onto each bin.
Disposition	Indicates the location to which the soil was moved and the ultimate means of disposal of the soil.
Incinerate	Indicates the soil was shipped to Aptus, located in Aragonite Utah for incineration and disposal at the Class I landfill.
Class I	Indicates that this soil was shipped to Westmorland, California for disposal at the Laidlaw Class I landfill.
mg/kg	Indicates milligrams per kilogram.

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TABLE 13 (Continued)
Plant A1 South, Building 76A Area, Excavation One,
Summary of PCE Concentrations Detected in Roll-off Bin
Soil Samples Collected from Soil Excavated from Depths of 2 to 7 Feet.
(January 17, 18, 20 and February 2, 1995)

Bin No.	Sample	Date	Concentration (mg/kg)	Disposition	Date
B43	Composite	1/20/95	11.300		
B43	Random (Sections 9,6,3)	2/2/95	1.430	See Following Listing	
B37	Composite	1/20/95	7.400		
B37	Random (Sections 17,10,7)	2/2/95	2.500	Class I,	2/13/95
B32	Composite	1/20/95	0.169		
B32	Random (Sections 15,16,18)	2/2/95	0.012	Class I,	2/13/95
B26	Composite	1/20/95	0.080		
B26	Random (Sections 6,8,11)	2/2/95	0.013	Class I,	2/13/95
B12	Composite	1/20/95	0.062		
B12	Random (Sections 3,10,9)	2/2/95	6.60	Incinerate,	2/13/95
B20	Composite	1/20/95	0.620		
B20	Random (Sections 12,3,1)	2/2/95	0.780	Class I,	2/13/95
B35	Composite	1/20/95	1.750		
B35	Random (Sections 10,6,20)	2/2/95	2.100	Class I,	2/13/95

Screening soil samples collected on January 20, 1995 were composite soil samples collected from the locations emitting the greatest concentrations of volatile constituents. Soil samples were collected from the Roll-off bins and analyzed by United States Environmental Protection Agency Method 8010. The screening soil samples were collected by using a photoionization detector to locate the area emitting the greatest concentration of volatile constituents from the 1166 monitoring. The random soil samples were collected on February 2, 1995 according to the Lockheed Martin Interim Guidelines for Collecting Profile Soil Samples of Volatile Constituents from Roll-off Bins (see Appendix H). The section numbers indicate which of 20 sections were sampled.

(Roll-off) Bin No. Indicates the individual bin number welded onto each bin.
Disposition Indicates the location to which the soil was moved and the ultimate means of disposal of the soil.
Incinerate Indicates the soil was shipped to Aptus, located in Aragonite Utah for incineration and disposal at the Class I landfill.
Class I Indicates that this soil was shipped to Westmorland, California for disposal at the Laidlaw Class I landfill.
mg/kg Indicates milligrams per kilogram.

limits of excavation

limits of excavations

TABLE 13 (Continued)
Plant A1 South, Building 76A Area, Excavation One,
Summary of PCE Concentrations Detected in Roll-off Bin
Soil Samples Collected from Soil Excavated from Depths of 2 to 7 Feet.
(January 17, 18, 20 and February 2, 1995)

Bin No.	Sample	Date	Concentration (mg/kg)	Disposition	Date
B27	Composite	1/20/95	2.720		
B27	Random (Sections 13,19,6)	2/2/95	0.030	Class I,	2/13/95
B24	Composite	1/20/95	0.013		
B24	Random (Sections 12,7,16)	2/2/95	ND	Reuse,	2/13/95
B33	Composite	1/20/95	0.550		
B33	Random (Sections 10,9,4)	2/2/95	0.0099	Class I,	2/13/95
B47	Composite	1/20/95	0.210		
B47	Random (Sections 20,11,8)	2/2/95	0.0075	Class I,	2/13/95
B19	Bin will not open, therefore bin not used				

Screening soil samples collected on January 20, 1995 were composite soil samples collected from the locations emitting the greatest concentrations of volatile constituents. Soil samples were collected from the Roll-off bins and analyzed by United States Environmental Protection Agency Method 8010. The screening soil samples were collected by using a photoionization detector to locate the area emitting the greatest concentration of volatile constituents from the 1166 monitoring. The random soil samples were collected on February 2, 1995 according to the Lockheed Martin Interim Guidelines for Collecting Profile Soil Samples of Volatile Constituents from Roll-off Bins (see Appendix H). The section numbers indicate which of 20 sections were sampled.

(Roll-off) Bin No.	Indicates the individual bin number welded onto each bin.
Disposition	Indicates the location to which the soil was moved and the ultimate means of disposal of the soil.
Incinerate	Indicates the soil was shipped to Aptus, located in Aragonite Utah for incineration and disposal at the Class I landfill.
Class I	Indicates that this soil was shipped to Westmorland, California for disposal at the Laidlaw Class I landfill.
ND	Indicates Not Detected.
mg/kg	Indicates milligrams per kilogram.

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TABLE 13 (Continued)
Plant A1 South, Building 76A Area, Excavation One,
Summary of PCE Concentrations Detected in Roll-off Bin
Soil Samples Collected from Soil Excavated from Depths of 2 to 7 Feet.
(February 8, 1995)

Bin No.	Sample	Date	Concentration (mg/kg)	Disposition	Date
B45	Random (Sections 16,9,11)	2/8/95	101.500	Incinerate,	2/21/95
B38	Random (Sections 4,17,7)	2/8/95	10.480	Incinerate,	2/21/95
B46	Random (Sections 13,4,18)	2/8/95	49.130	Incinerate,	2/15/95
B39	Random (Sections 11,7,1)	2/8/95	16.510	Incinerate,	2/15/95
B34	Random (Section 5,17,11)	2/8/95	39.100	Incinerate,	2/15/95
B18	Random (Sections 10,19,20)	2/8/95	40.520	Incinerate,	2/15/95
B49	Random (Sections 11,4,8)	2/8/95	30.725	Incinerate,	2/13/95
B44	Random (Sections 18,13,10)	2/8/95	19.050	Incinerate,	2/15/95
B43*	Random (Sections 20,4,1)	2/8/95	15.315	Bin loaded, then unloaded (See note below)	
B28	Random (Sections 12,6,1)	2/8/95	56.650	Incinerate,	2/15/95
B30	Random (Sections 14,6,16)	2/8/95	78.180	Incinerate,	2/15/95
B31	Random (Sections 20,4,7)	2/8/95	40.520	Incinerate,	2/21/95
B11	Random (Sections 11,1,9)	2/8/95	88.150	Incinerate,	2/15/95

Soil samples were collected from the Roll-off bins and analyzed by United States Environmental Protection Agency Method 8010. The random soil samples were collected on February 8, 1995 according to the Lockheed Martin Interim Guidelines for Collecting Profile Soil Samples of Volatile Constituents from Roll-off Bins (see Appendix H). The section numbers indicate which of 20 sections were sampled.

(Roll-off) Bin No. Indicates the individual bin number welded onto each bin.
Disposition Indicates the location to which the soil was moved and the ultimate means of disposal of the soil.
Incinerate Indicates the soil was shipped to Aptus, located in Aragonite Utah for incineration and disposal at the Class I landfill.
Class I Indicates that this soil was shipped to Westmorland, California for disposal at the Laidlaw Class I landfill.
ND Indicates Not Detected.
* Indicates that this bin was filled one half full on 2/2/95. Approximately 5 tons of soil were added on 2/8/95. The composite results for 2/2/95 indicated that Class I disposal was appropriate. The bins were re-sampled after the additional soil was added and the 2/8/95 results were obtained. Bin No. 43 was inadvertently loaded onto a truck for Class I disposal and was subsequently off-loaded and placed into bin s 20406 and 20352. A new characterization sample was collected.
mg/kg Indicates milligrams per kilogram.

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limits of excavations

TABLE 13 (Continued)
Plant A1 South, Building 76A Area, Excavation One,
Summary of PCE Concentrations Detected in Roll-off Bin
Soil Samples Collected from Soil Excavated from Depths of 2 to 7 Feet.
(February 15, 1995)

Bin No.	Sample	Date	Concentration (mg/kg)	Disposition	Date
20385	Random (Sections 9,18,20)	2/15/95	1.100	Class I,	2/21/95
20324	Random (Sections 5,2,15)	2/15/95	6.600	Incinerate,	2/22/95
20319	Random (Sections 1,13,7)	2/15/95	1.300	Class I,	2/21/95
20314	Random (Sections 17,4,10)	2/15/95	42.500	Incinerate,	2/22/95
20355	Random (Section 10,9,2)	2/15/95	1.100	Class I,	2/21/95
20325	Random (Sections 3,2,10)	2/15/95	2.200	Class I,	2/21/95
20380	Random (Sections 1,10,8)	2/15/95	2.400	Class I,	2/21/95
20372	Random (Sections 18,9,15)	2/15/95	2.400	Class I,	2/21/95
B43	Random (Sections 7,12,4)	2/15/95	4.400	Class I,	2/21/95
B26	Random (Sections 20,8,18)	2/15/95	1.200	Class I,	2/21/95
B35	Random (Sections 4,10,18)	2/15/95	2.300	Class I,	2/21/95
B33	Random (Sections 2,15,17)	2/15/95	1.700	Class I,	2/21/95
B24	Random (Sections 4,19,2)	2/15/95	2.100	Class I,	2/21/95
B47	Random (Sections 8,18,11)	2/15/95	1.300	Class I,	2/21/95

oil samples were collected from the Roll-off bins and analyzed by United States Environmental Protection Agency Method 8010. The random
il samples were collected on February 15, 1995 according to the Lockheed Martin Interim Guidelines for Collecting Profile Soil Samples of
olatile Constituents from Roll-off Bins (see Appendix H). The section numbers indicate which of 20 sections were sampled.
oll-off) Bin No. Indicates the individual bin number welded onto each bin.
sposition Indicates the location to which the soil was moved and the ultimate means of disposal of the soil.
inerate Indicates the soil was shipped to Aptus, located in Aragonite Utah for incineration and disposal at the Class I landfill.
ass I Indicates that this soil was shipped to Westmorland, California for disposal at the Laidlaw Class I landfill.
) Indicates Not Detected. mg/kg Indicates milligrams per kilogram.

limits of excavation

limits of excavations

6.0 SUMMARY

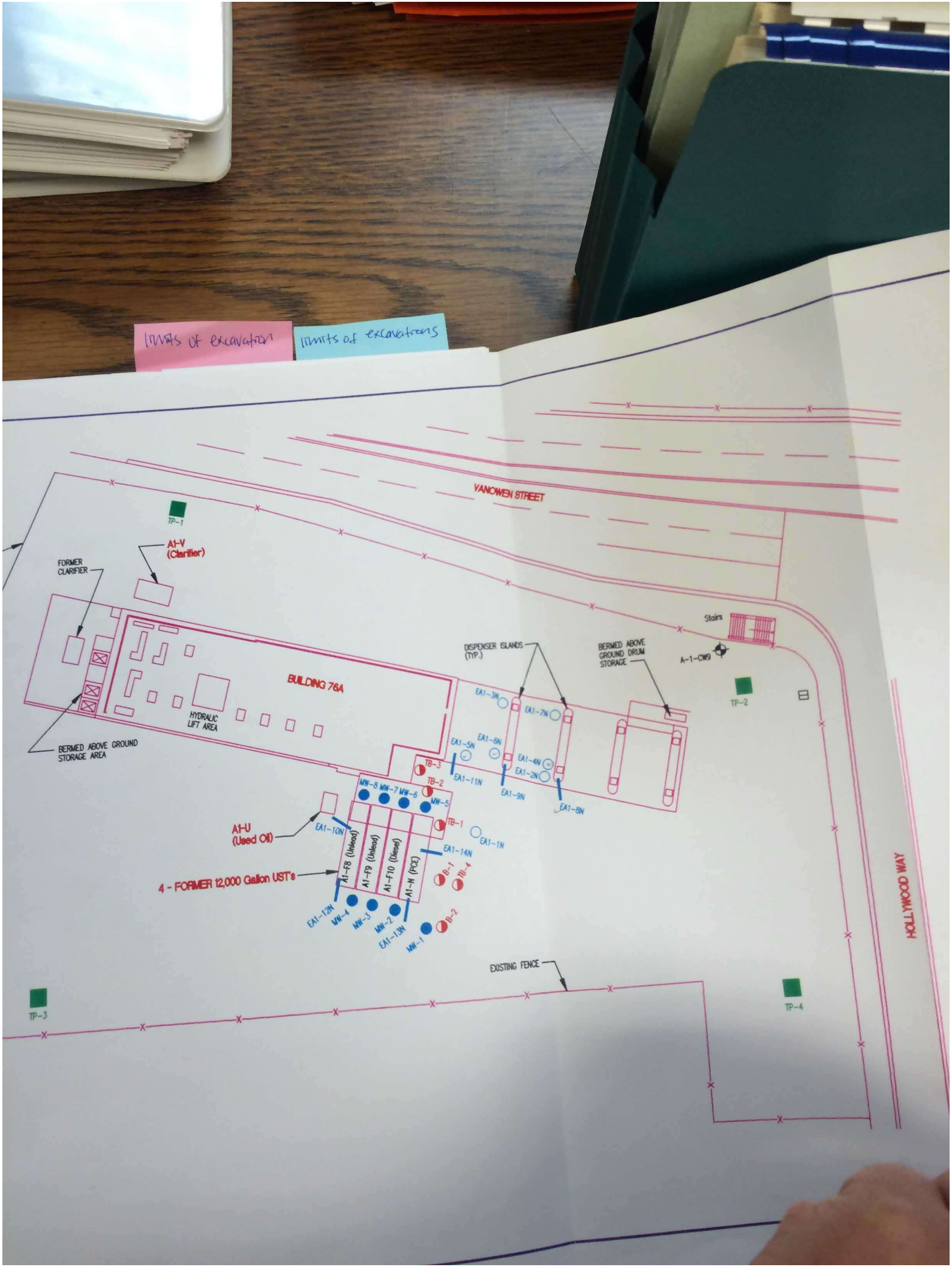
Soil containing PCE, diesel fuel and oil was present at the former Plant A1 South, Building 76A area. Approximately 1,380 tons of soil found to contain PCE was excavated and removed from the site by Shoring Engineers. Soil samples were collected, handled and transported to the laboratory by Tetra Tech, Inc.. Lockheed Martin reviewed the analytical results and characterized the soil for disposal.

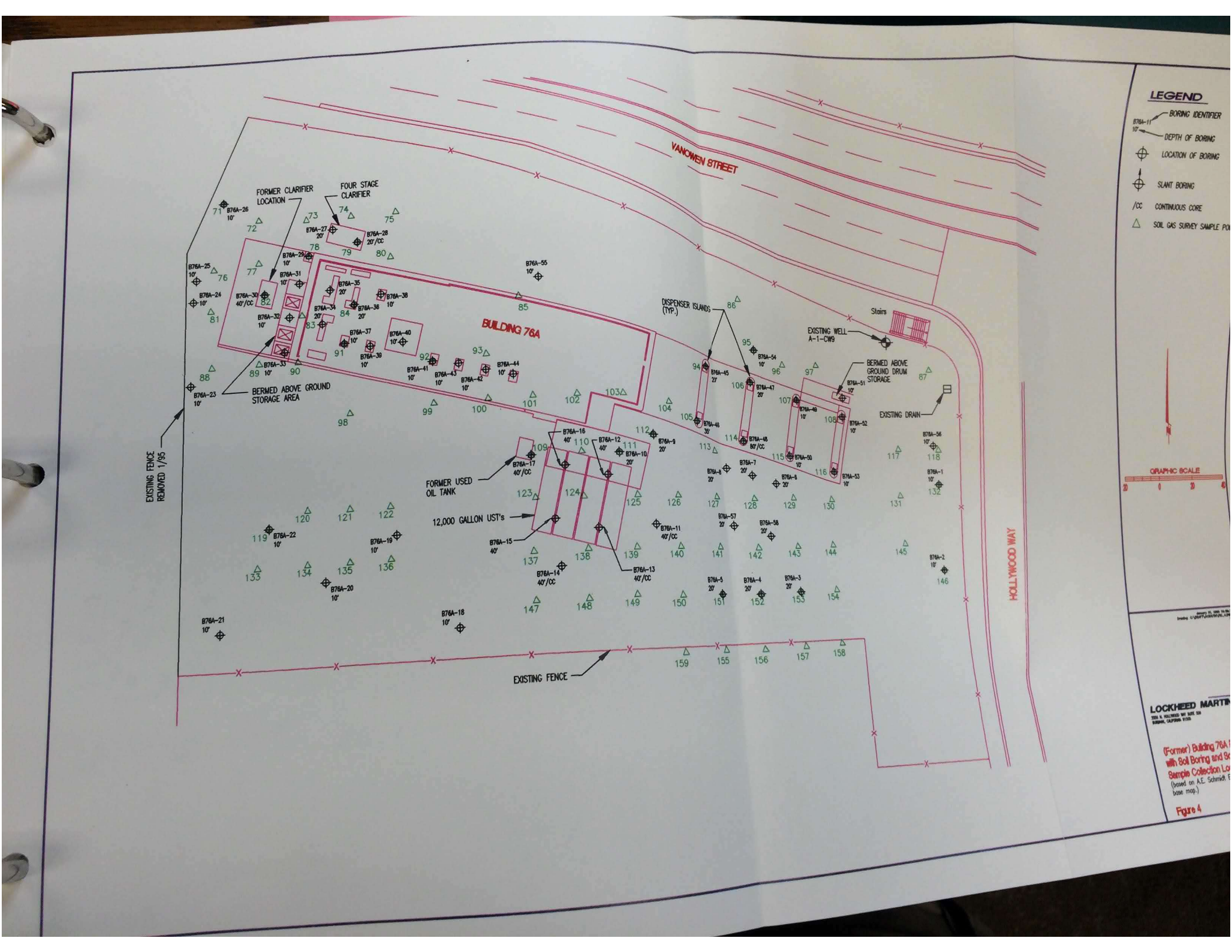
Two hundred and eighty nine (289) tons of the soil was shipped to Aptus, located in Aragonite, Utah for incineration and disposal at the Laidlaw Class I landfill and approximately 791 tons of the soil was disposed of at the Laidlaw Westmorland Class I landfill, located in Westmorland, California. Approximately 300 tons of the excavated soil was disposed of at the Laidlaw Lokern Class I landfill located in Lokern, California.

One hundred and nine verification soil samples were collected from the excavation sidewalls and bottoms by Tetra Tech, Inc.. The results of the excavation soil sampling are documented in this report. The verification soil samples collected from the excavation sidewalls contained less than 150 μg/kg of PCE. Diesel fuel and oil which was also present in the soil with the PCE was also removed.

Following approval of the excavations and the backfill material by the CRWQCB, the excavations were backfilled with soil from Lockheed Martin Corporation, Plant A1 East and soil from Hansen Dam. Characterization sampling of the import soil for backfill, and compaction of the soil was performed by Tetra Tech, Inc..

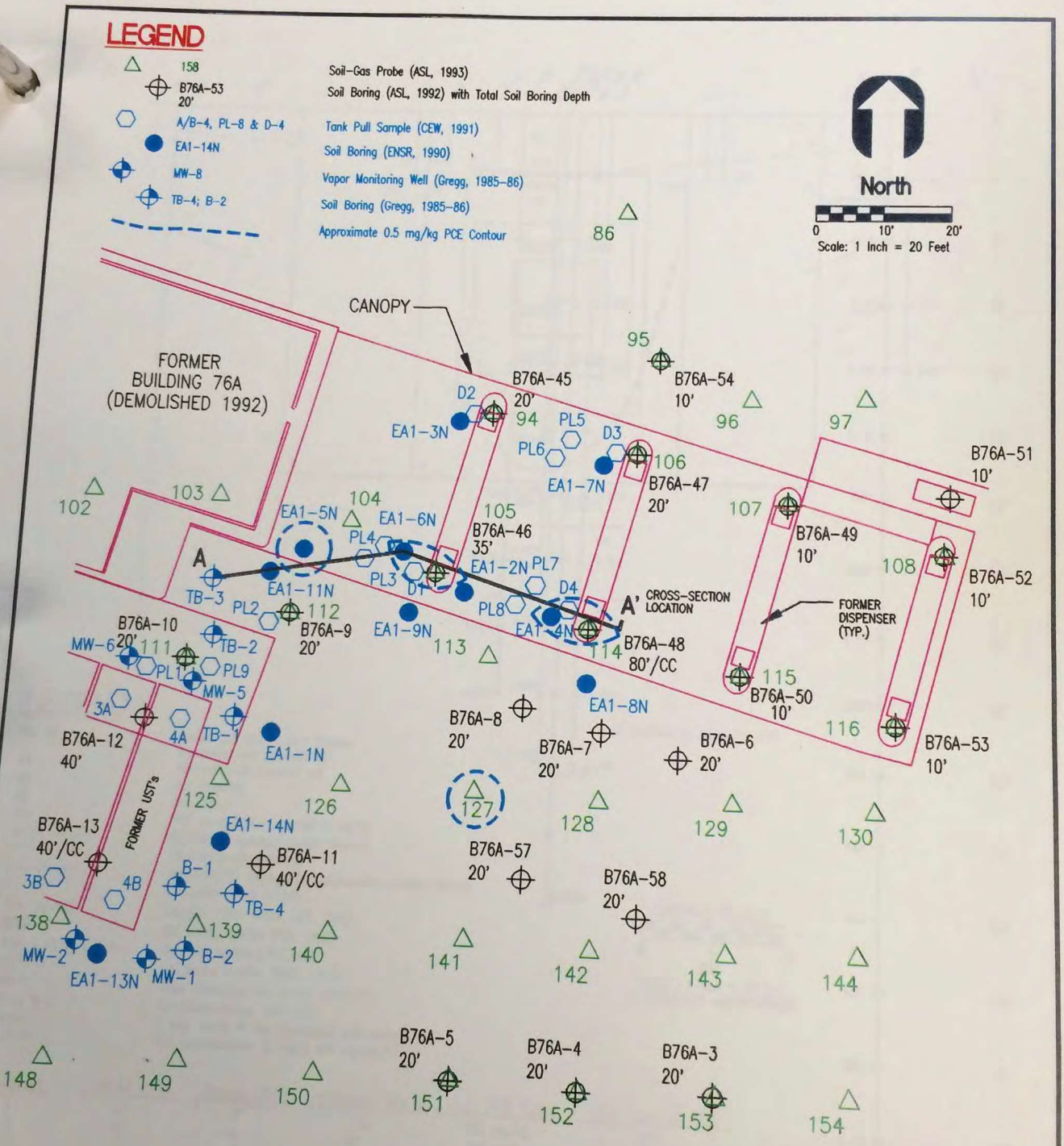
The verification soil samples collected from the excavation base and sidewalls of the soil remaining in place did not detect the presence of PCE in excess of 150μg/kg. Lockheed Martin Corporation has completed the tasks proposed in the Soil Remediation Workplan for Building 76A, Lockheed Plant A1 South. No further environmental action is planned for this site and we request that closure of the environmental remediation for Plant A1 South be granted by the CRWQCB.


limits of excavation
limits of excavations
VANOWEN STREET
TP-1
A1-V
(Clarifier)
FORMER
CLARIFIER
BUILDING 76A
HYDRAULIC
LIFT AREA
BERMED ABOVE GROUND
STORAGE AREA
DISPENSER ISLANDS
(TYP.)
BERMED ABOVE
GROUND DRUM
STORAGE
Stairs
A-1-CW9
TP-2
EA1-3N
EA1-7N
EA1-5N
EA1-6N
EA1-4N
EA1-2N
EA1-11N
EA1-9N
EA1-8N
TB-3
TB-2
MW-8
MW-7
MW-6
MW-5
TB-1
EA1-1N
A1-U
(Used Oil)
EA1-10N
4 - FORMER 12,000 Gallon UST's
A1-F8 (Unleaded)
A1-F9 (Unleaded)
A1-F10 (Diesel)
A1-N (PCE)
EA1-14N
B-1
TB-4
EA1-12N
MW-4
MW-3
MW-2
EA1-13N
MW-1
B-2
HOLLYWOOD WAY
EXISTING FENCE
TP-3
TP-4


VANOWEN STREET
HOLLYWOOD WAY
BUILDING 76A
FORMER CLARIFIER LOCATION
FOUR STAGE CLARIFIER
DISPENSER ISLANDS (TYP.)
Stairs
EXISTING WELL A-1-CW9
BERMED ABOVE GROUND DRUM STORAGE
EXISTING DRAIN
BERMED ABOVE GROUND STORAGE AREA
EXISTING FENCE REMOVED 1/95
FORMER USED OIL TANK
12,000 GALLON UST's
EXISTING FENCE
LEGEND
BORING IDENTIFIER
DEPTH OF BORING
LOCATION OF BORING
SLANT BORING
/CC CONTINUOUS CORE
SOIL GAS SURVEY SAMPLE PO
GRAPHIC SCALE
LOCKHEED MARTIN
(Former) Building 76A
with Soil Boring and So
Sample Collection Lo
(based on A.E. Schmidt
base map.)
Figure 4

limits of excavation

limits of excavations



LOCKHEED MARTIN

2550 N. HOLLYWOOD WAY SUITE 506
BURBANK, CALIFORNIA 91505

Eastern Portion of Building 76A
Detail Map with PCE Concentrations
in Excess of 0.5 mg/kg (or 0.5 mg/l-air)
At 3 to 5 Foot Depth.
(based on A.E. Schmidt Environmental base map)

Figure 5

APPENDICES

APPENDIX A

APPENDIX B

SECTION 3.0

4.0



No.	Hydrocarbon	Diameter	Height	Depth	Yards	Tons
1	PCE/TPH-D	20'	27'	0-27'	315	470
2	PCE/TPH	10'	7'	0-7'	4	6
3	TPH	20'	7'	7-14'	60	90

limits of excavation



LOCKHEED MARTIN

2550 N. HOLLYWOOD WAY SUITE 506
BURBANK, CALIFORNIA 91505

Soil Boring Locations
Eastern Portion of Building 76A
(based on A.E. Schmidt Environmental base map)

Figure 8

APPENDICES
APPENDIX A
APPENDIX B

limits of Excavation



Sample Point No.	Coordinates	Depth (feet)	Sample/Analysis Date	Concentration mg/kg PCE	Concentration mg/kg TPH
23	48'-178'	5'	01/30/95	0.007	NA
24	80'-144'	5'	01/30/95	0.017	NA
25	41'-138'	5'	01/30/95	0.014	NA
26	48'-182'	5'	01/30/95	0.015	NA
1	28'-121'	5'	01/30/95	ND	NA
2	38'-121'	5'	01/---/95	NA	NA
3	48'-121'	5'	01/30/95	0.005	NA
4	28'-178'	5'	01/---/95	NA	NA
5	38'-178'	5'	01/---/95	NA	NA
6	48'-178'	5'	01/30/95	0.78	NA
7	58'-178'	5'	01/---/95	NA	NA
8	68'-178'	5'	01/30/95	0.007	NA
9	28'-138'	5'	01/30/95	ND	NA
10	38'-138'	5'	01/---/95	NA	NA
11	48'-138'	5'	01/30/95	0.008	NA
12	58'-138'	5'	01/---/95	NA	NA
13	68'-138'	5'	01/---/95	NA	NA
14	28'-147'	5'	01/---/95	NA	NA
15	38'-147'	5'	01/30/95	9.4	NA
16	48'-147'	5'	01/30/95	0.35	NA
17	58'-147'	5'	01/30/95	0.052	NA
18	68'-147'	5'	01/---/95	NA	NA
19	38'-158'	5'	01/30/95	0.013	NA
20	38'-158'	5'	01/---/95	NA	NA
21	48'-158'	5'	01/---/95	NA	NA
22	58'-158'	5'	01/---/95	NA	NA

Legend

95/102 — indicates two soil samples from the same coordinate location (elevation may vary)

88 — indicates sample point number

soil sample point (typ.)

- Indicates sample depths from 5' to 7'
- Indicates sample depths from 7' to 10'
- Indicates sample depths from 10' to 15'
- Indicates sample depths from 15' to 20'
- Indicates sample depths from 20' +

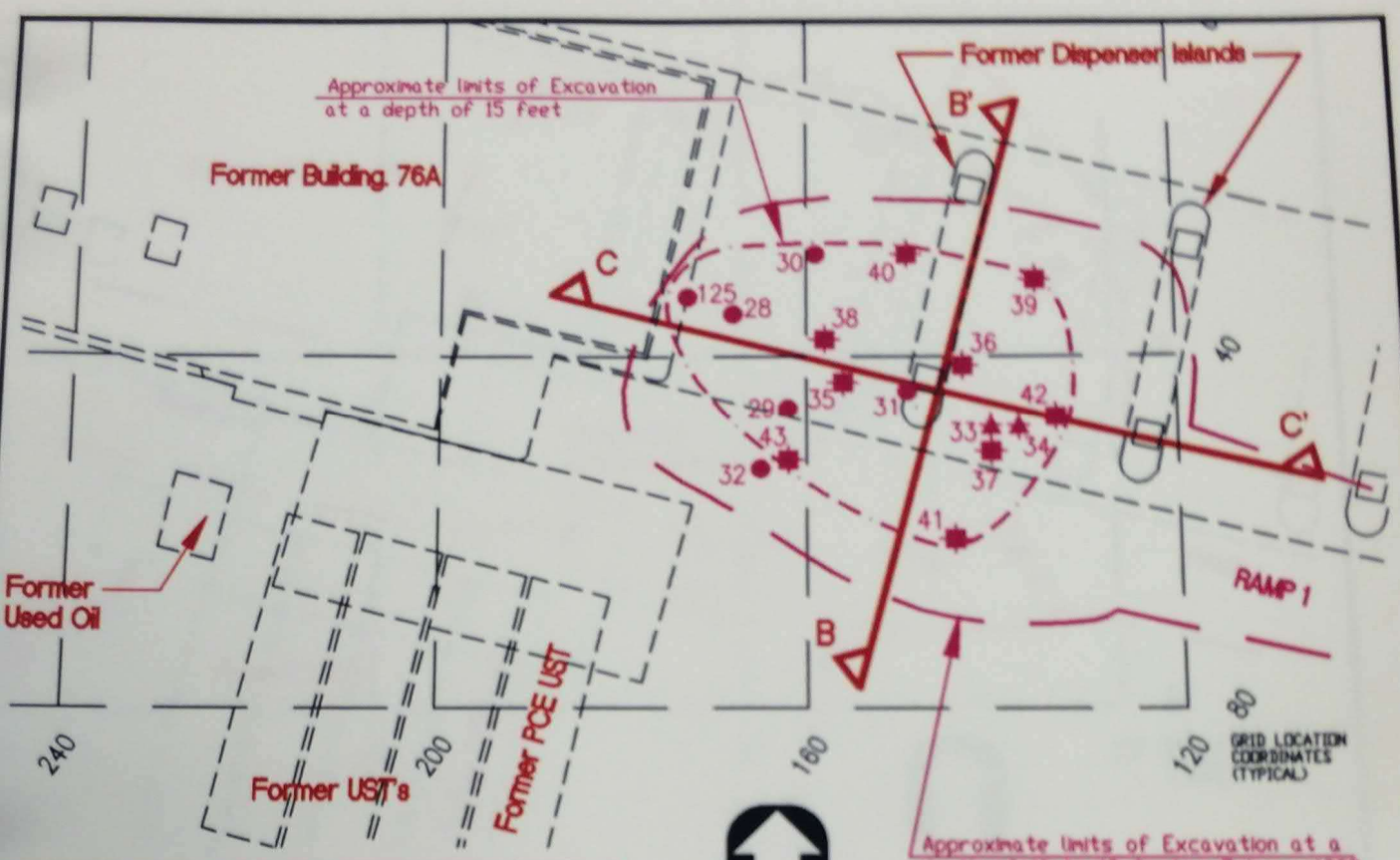
TYPICAL NOTES:

1. Concentrations are reported as milligrams per kilograms (mg/kg) and indicate the concentrations of Tetrachloroethene (PCE) detected by United States Environmental Protection Agency (USEPA) Method 8010. TPH indicates the concentration of Total Petroleum Hydrocarbons (TPH) in mg/kg detected by USEPA Method 8015 modified.
2. All Structures indicated on this map are former Structures. The Buildings and UST's were demolished and removed in 1992.
3. All Coordinates shown are approximate and were measured, not surveyed.
4. Visual discoloration associated with elevated photoionization (PID) Detector readings were noted at the southern end of the western Dispenser Island. The excavation focused on the discolored soil and elevated PID readings which migrated towards the south with depth.

LOCKHEED MARTIN
2550 N. HOLLYWOOD WAY SUITE 500
BURBANK, CALIFORNIA 91505

Plant A1 South, Eastern Portion of the Former Building 76A Excavation One, Depths of 5 to 7 feet

Excavation One 5-7 ft - Figure 9



Sample Point No.	Coordinates	Depth (feet)	Sample/Analysis Date	Concentration mg/kg	
				PCE	TPH
28	35'–168'	10'	02/15/95	1.25	NA
29	46'–162'	10'	02/15/95	25.2	NA
30	28'–159'	10'	02/15/95	0.047	NA
31	44'–149'	10'	02/15/95	22	NA
32	53'–165'	10'	02/18/95	0.059	NA
33	48'–140'	7'	02/16/95	0.025	NA
34	48'–137'	8'	02/16/95	0.038	NA
35	43'–156'	15'	02/17/95	0.35	NA
36	41'–143'	15'	02/17/95	21.3	NA
37	51'–140'	15'	02/17/95	0.408	NA
38	38'–158'	15'	02/17/95	0.053	NA
39	31'–135'	15'	02/22/95	ND	ND
40	28'–149'	15'	02/23/95	ND	NA
41	61'–144'	15'	02/23/95	ND	ND
42	47'–133'	15'	02/23/95	ND	ND
43	52'–162'	15'	02/23/95	ND	ND
125	33'–173'	17'		ND	ND

North

0 10' 20'

Scale: 1 Inch = 20 Feet

Legend

95 / 102 — indicates two soil samples from the same coordinate location (elevation may vary)

88 — indicates sample point number

soil sample point (typ.)

- Indicates sample depths from 5' to 7'
- Indicates sample depths from 7' to 10'
- Indicates sample depths from 10' to 15'
- Indicates sample depths from 15' to 20'
- Indicates sample depths from 20' +
- B B' Cross Section locations

TYPICAL NOTES:

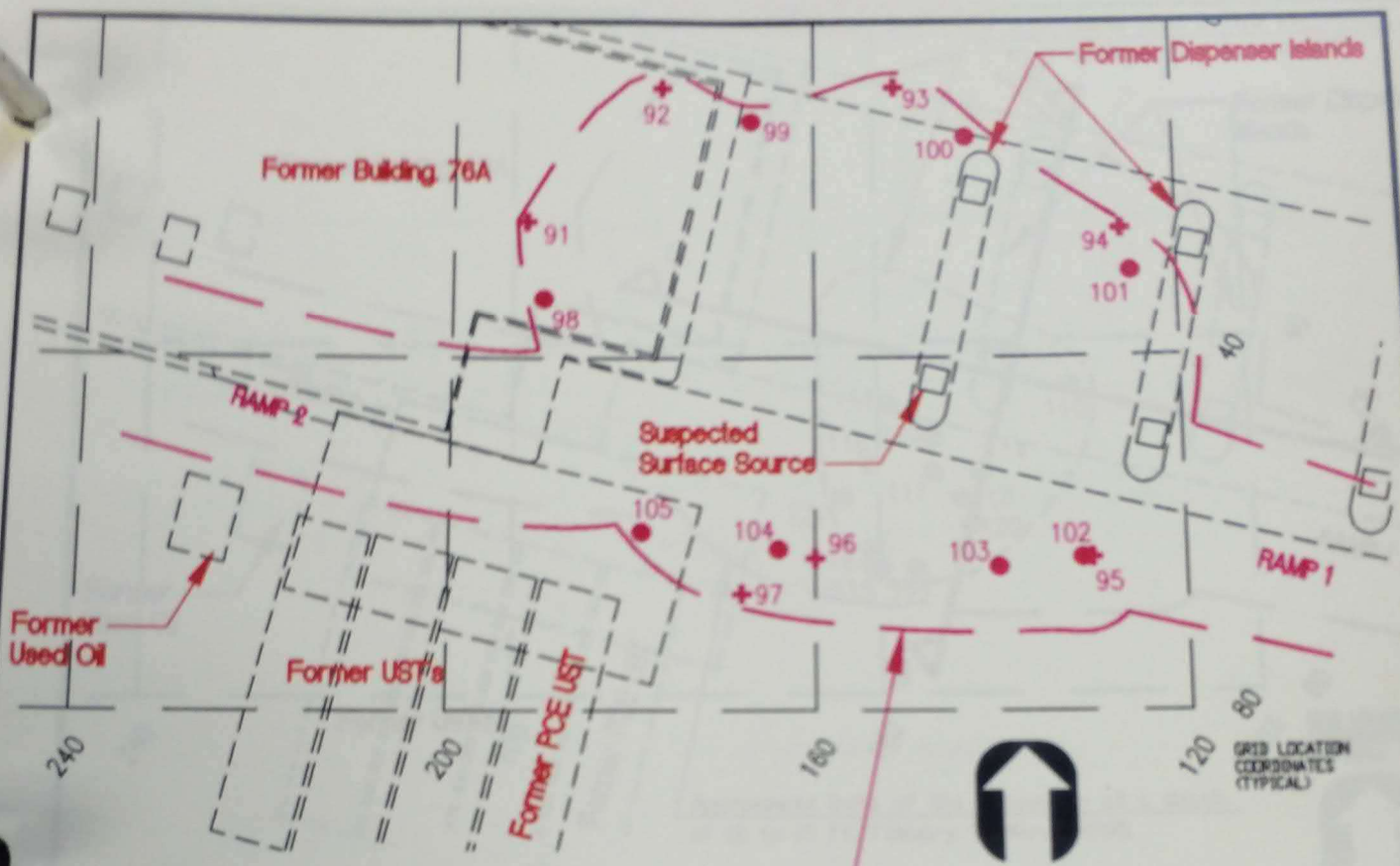
1. Concentrations are reported as milligrams per kilograms (mg/kg) and indicate the concentrations of Tetrachloroethene (PCE) detected by United States Environmental Protection Agency (USEPA) Method 8010. TPH indicates the concentration of Total Petroleum Hydrocarbons (TPH) in mg/kg detected by USEPA Method 8015 modified.
2. All Structures indicated on this map are former Structures. The Buildings and UST's were demolished and removed in 1992.
3. All Coordinates shown are approximate and were measured, not surveyed.
4. Visual discoloration associated with elevated photoionization (PID) Detector readings were noted at the southeren end of the western Dispenser Island. The excavation focused on the discolored soil and elevated PID readings which migrated towards the south with depth.
5. Number 27 is not used

LOCKHEED MARTIN
2550 N. HOLLYWOOD WAY SUITE 506
BURBANK, CALIFORNIA 91505

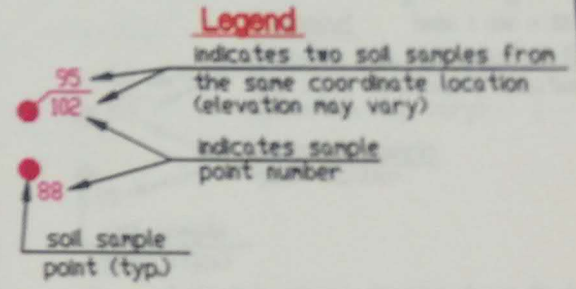
Plant A1 South, Eastern Portion of the Former Building 76A
Excavation One, Depths of 7 to 16 feet

Excavation One 7-16 ft - Figure 1

limits of excavation



Sample Point No.	Coordinates	Depth (feet)	Sample/Analysis Date	Concentration mg/kg	
				PCE	TPH
91	24'-192'	5'	03/08/95	NA	ND
92	8'-177'	5'	03/08/95	NA	ND
93	8'-151'	5'	03/08/95	NA	ND
94	25'-126'	5'	03/08/95	NA	ND
95	63'-130'	5'	03/08/95	NA	ND
96	63'-160'	5'	03/08/95	NA	ND
97	67'-168'	5'	03/08/95	NA	ND
98	33'-190'	10'	03/08/95	NA	ND
99	12'-167'	10'	03/08/95	NA	ND
100	14'-143'	10'	03/08/95	NA	20
101	30'-125'	10'	03/08/95	NA	ND
102	63'-131'	10'	03/08/95	NA	ND
103	64'-140'	10'	03/08/95	NA	ND
104	62'-164'	10'	03/08/95	NA	ND
105	60'-179'	10'	03/08/95	NA	ND



TYPICAL NOTES:

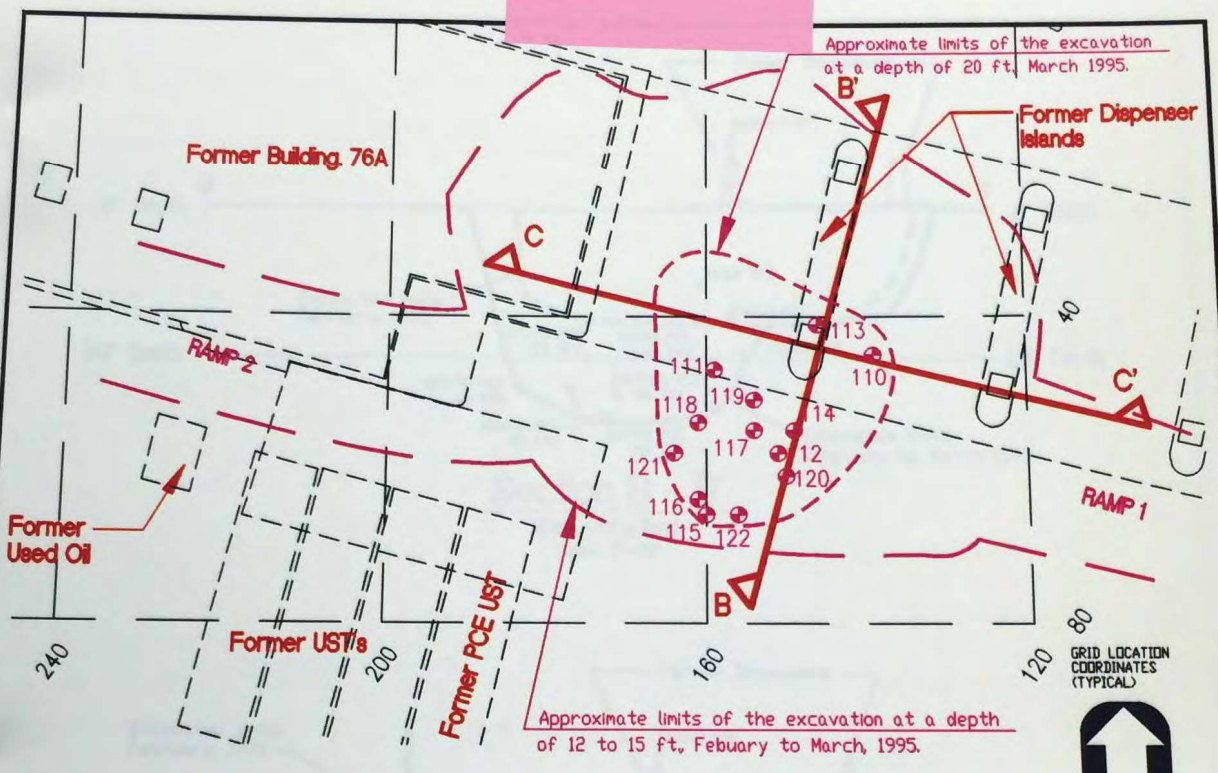
1. Concentrations are reported as milligrams per kilograms (mg/kg) and indicate the concentrations of Tetrachloroethene (PCE) detected by United States Environmental Protection Agency (USEPA) Method 8010. TPH indicates the concentration of Total Petroleum Hydrocarbons (TPH) in mg/kg detected by USEPA Method 8015 modified.
2. All Structures indicated on this map are former Structures. The Buildings and UST's were demolished and removed in 1992.
1. All Coordinates shown are approximate and were measured, not surveyed. Visual discoloration associated with elevated photoionization (PID) Detector readings were noted at the southern end of the western Dispenser Island. The excavation Focused on the discolored soil and elevated PID readings which migrated towards the south with depth.

LOCKHEED MARTIN
2550 N. HOLLYWOOD WAY SUITE 506
BURBANK, CALIFORNIA 91505

Plant A1 South, Eastern Portion of the Former Building 76
Excavation One, Depths of 5 to 10 feet

Excavation One 5-10 ft - Figure

limits of excavation



Sample Point No.	Coordinates	Depth (feet)	Sample/Analysis Date	Concentration mg/kg	
				PCE	TPH
110	45'–139'	20'	02/23/95	ND	ND
111	47'–159'	20'	02/23/95	ND	ND
112	58'–151'	20'	02/23/95	ND	ND
113	41'–146'	20'	03/01/95	ND	ND
114	55'–149'	25'	03/01/95	0.006	ND
115	66'–160'	25'	03/01/95	ND	ND
116	64'–161'	25'	03/01/95	ND	ND
117	55'–154'	28'	03/01/95	ND	ND
118	54'–161'	29'	03/01/95	ND	ND
119	51'–154'	24'	03/03/95	ND	ND
120	61'–150'	24'	03/03/95	ND	ND
121	58'–164'	24'	03/03/95	ND	ND
122	66'–156'	24'	03/03/95	ND	ND

North

0 10' 20'

Scale: 1 Inch = 20 Feet

Legend

95
102 — indicates two soil samples from the same coordinate location (elevation may vary)

88 — indicates sample point number

soil sample point (typ.)

- Indicates sample depths from 5' to 7'
- Indicates sample depths from 7' to 10'
- Indicates sample depths from 10' to 15'
- Indicates sample depths from 15' to 20'
- Indicates sample depths from 20' +
- B B' Cross Section locations

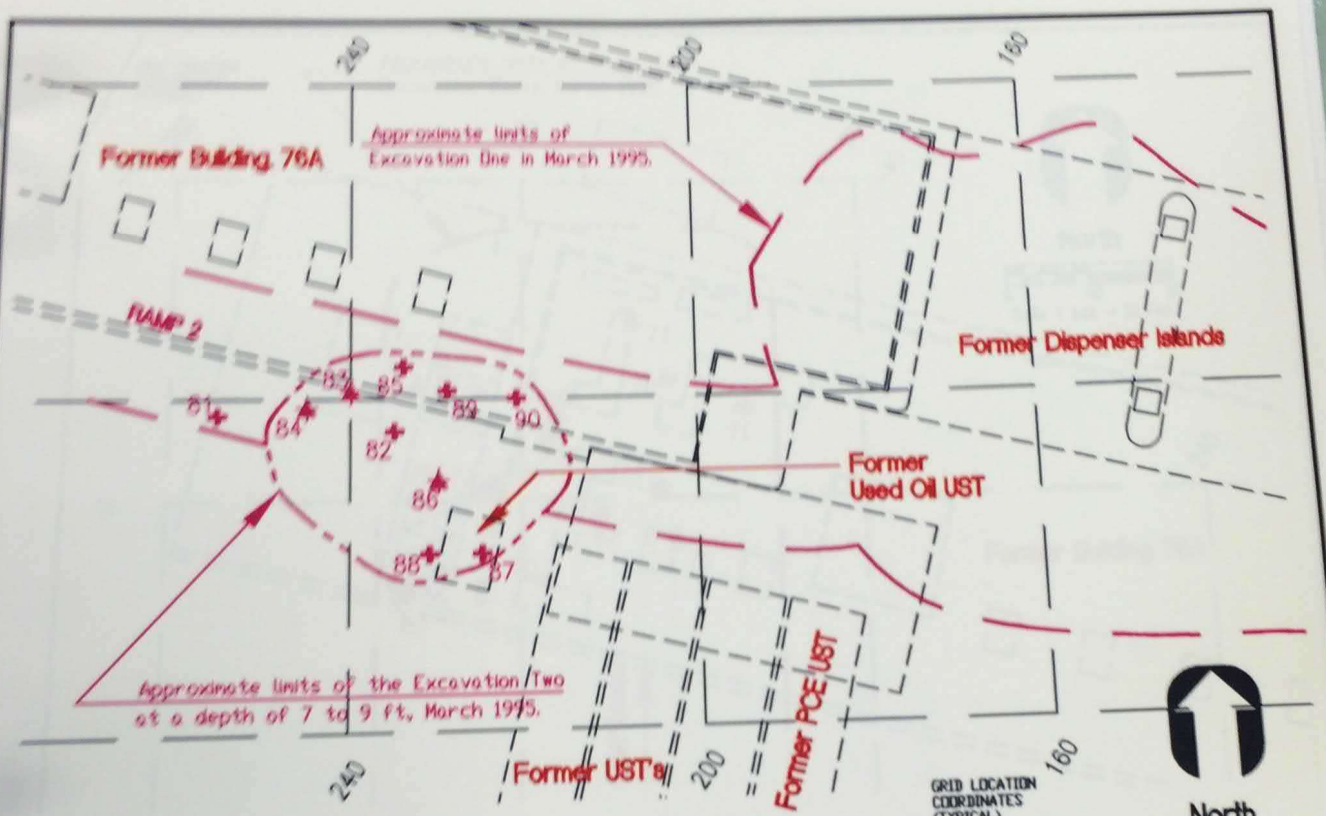
TYPICAL NOTES:

1. Concentrations are reported as milligrams per kilograms (mg/kg) and indicate the concentrations of Tetrachloroethene (PCE) detected by United States Environmental Protection Agency (USEPA) Method 8010. TPH indicates the concentration of Total Petroleum Hydrocarbons (TPH) in mg/kg detected by USEPA Method 8015 modified.
2. All Structures indicated on this map are former Structures. The Buildings and UST's were demolished and removed in 1992.
3. All Coordinates shown are approximate and were measured, not surveyed.
4. Visual discoloration associated with elevated photoionization (PID) Detector readings were noted at the southern end ot the western Dispenser Island. The excavation Focused on the discolored soil and elevated PID readings which migrated towards the south with depth.

LOCKHEED MARTIN
2550 N. HOLLYWOOD WAY SUITE 506
BURBANK, CALIFORNIA 91505

Plant A1 South, Eastern Portion of the Former Building 76A
Excavation One, Depths of 20 to 29 feet

Excavation One 20-29 ft - Figure 12



Sample Point No.	Coordinates	Depth (feet)	Sample/Analysis Date	Concentration mg/kg	
				PCE	TRPH
81	42'-255'	3'	03/15/95	NA	90
82	44'-235'	5'	03/15/95	0.075	ND
83	39'-240'	7'	03/15/95	0.113	ND
84	41'-245'	8'	03/15/95	0.118	4.8
85	36'-234'	5'	03/15/95	0.136	ND
86	50'-230'	9'	03/22/95	0.016	26
87	59'-225'	6'	03/22/95	ND	ND
88	59'-231'	6'	03/22/95	0.089	ND
89	39'-229'	5'	03/22/95	0.059	ND
90	40'-221'	5'	03/22/95	0.0056	11

Legend

95
102
indicates two soil samples from the same coordinate location (elevation may vary)

88
indicates sample point number

soil sample point (typ.)

- Indicates sample depths from 5' to 7'
- Indicates sample depths from 7' to 10'
- Indicates sample depths from 10' to 15'
- Indicates sample depths from 15' to 20'
- Indicates sample depths from 20' +

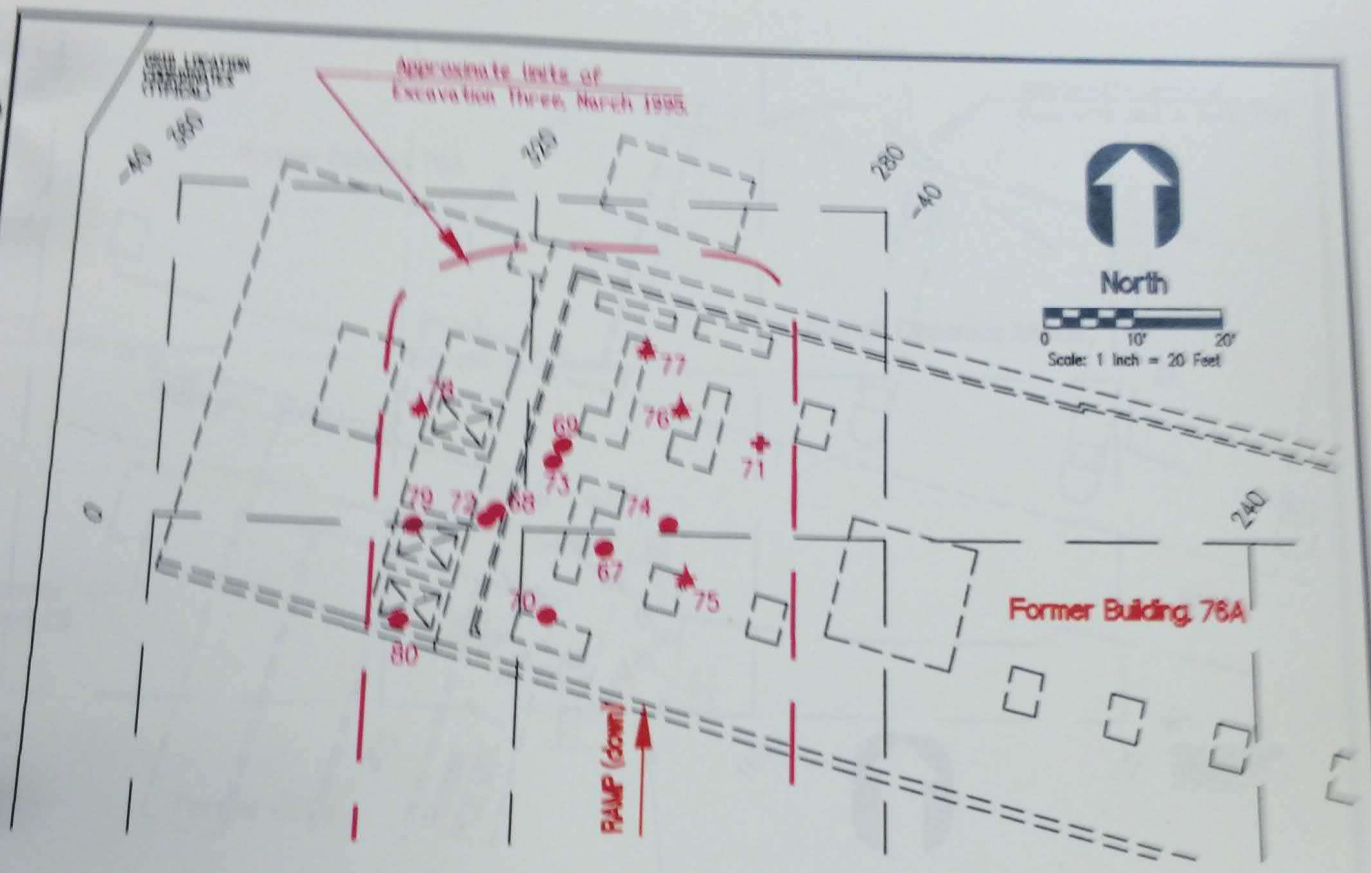
TYPICAL NOTES:

1. Concentrations are reported as milligrams per kilograms (mg/kg) and indicate the concentrations of Tetrachloroethene (PCE) detected by United States Environmental Protection Agency (USEPA) Method 8010. TRPH indicates the concentration of Total Recoverable Petroleum Hydrocarbons (TRPH) detected by USEPA Method 418.1.
2. All Structures indicated on this map are former Structures. The Buildings and UST's were demolished and removed in 1992.
3. All Coordinates shown are approximate and were measured, not surveyed.

LOCKHEED MARTIN
2550 N. HOLLYWOOD WAY SUITE 506
BURBANK, CALIFORNIA 91505

Plant A1 South, Central Portion of the Former Building 76A
Excavation Two, Depths of 3 to 9 feet

Excavation Two 3-9 ft - Figure 14



Sample Point No.	Coordinates	Depth (feet)	Sample/Analysis Date	Concentration mg/kg	
				PCE	TRPH
67	E'-311'	11'	03/17/95	0.08	ND
68	-2'-323'	11'	03/17/95	0.16	8
69	-10'-316'	12'	03/17/95	0.143	ND
70	10'-317'	13'	03/17/95	0.088	ND
71	-11'-294'	3'	03/20/95	NA	16
72	-1'-324'	14'	03/24/95	ND	43
73	-8'-317'	14'	03/24/95	ND	ND
74	-1'-304'	10'	03/24/95	ND	ND
75	5'-302'	9'	03/24/95	ND	ND
76	-15'-303'	8'	03/24/95	ND	6
77	-22'-307'	9'	03/24/95	ND	ND
78	-14'-332'	5'	03/24/95	ND	ND
79	0'-332'	10'	03/24/95	0.088	21
80	11'-333'	11'	03/24/95	ND	4

Legend

95 / 102 — indicates two soil samples from the same coordinate location (elevation may vary)

88 — indicates sample point number

soil sample point (typ.)

- ✚ Indicates sample depths from 5' to 7'
- ▲ Indicates sample depths from 7' to 10'
- ● Indicates sample depths from 10' to 15'
- ■ Indicates sample depths from 15' to 20'
- ◕ Indicates sample depths from 20' +

TICAL NOTES:

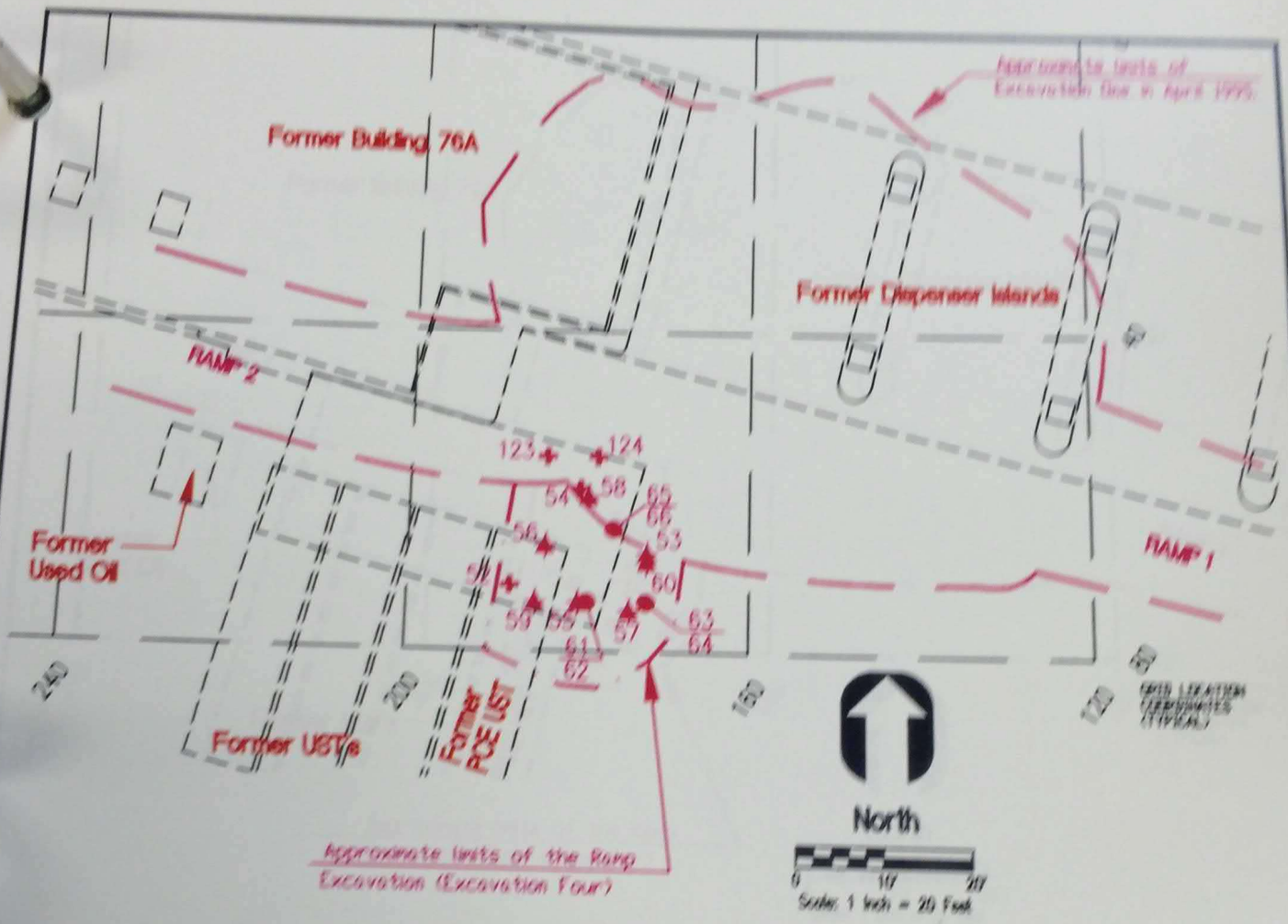
Concentrations are reported as milligrams per kilograms (mg/kg) and indicate the concentrations of Tetrachloroethene (PCE) detected by United States Environmental Protection Agency (USEPA) Method 8010. TRPH indicates the concentration of Total Recoverable Petroleum Hydrocarbons (TRPH) detected by USEPA Method 418.1.

All Structures indicated on this map are former Structures. The Buildings and UST's were demolished and removed in 1992.

All Coordinates shown are approximate and were measured, not surveyed.

LOCKHEED MARTIN
2550 N. HOLLYWOOD WAY SUITE 306
BURBANK, CALIFORNIA 91505

Plant A1 South, Western Portion of the Former Building 76A
Excavation Three, Depths of 3 to 13 feet



Sample Point No.	Coordinates	Depth (feet)	Sample/Analysis Date	Concentration mg/kg PCE	Concentration mg/kg TRPH
123 (TTCW-1)	56'-154'	5'	03/06/95	ND	88
124 (TTCW-2)	54'-178'	5'	03/06/95	0.206	45
52	72'-166'	6'	03/15/95	0.137	17
53	68'-172'	6'	03/15/95	0.154	37
54	67'-160'	5'	03/24/95	0.169	14
55	74'-159'	5'	03/24/95	0.257	19
56	67'-154'	5'	03/24/95	0.43	15
57	75'-174'	5'	03/24/95	0.146	48
58	61'-175'	5'	03/24/95	0.015	11
59	74'-159'	5'	03/24/95	0.046	15
60	69'-172'	5'	03/24/95	0.0468	44
61	74'-179'	11'	03/31/95	0.382	73
62	74'-179'	13'	03/31/95	0.068	ND
63	74'-172'	11'	03/31/95	ND	ND
64	74'-172'	13'	03/31/95	ND	ND
65	67'-176'	11'	03/31/95	ND	ND
66	67'-176'	13'	03/31/95	ND	ND

Legend

- 75 / 102 — Indicates two soil samples from the same coordinate location (elevation may vary)
- 88 — Indicates sample point number
- soil sample point (typ.)
- Indicates sample depths from 5' to 7'
- Indicates sample depths from 7' to 10'
- Indicates sample depths from 10' to 15'
- Indicates sample depths from 15' to 20'
- Indicates sample depths from 20' +

TYPICAL NOTES:

Concentrations are reported as milligrams per kilogram (mg/kg) and indicate the concentrations of Tetrachloroethene (PCE) detected by United States Environmental Protection Agency (USEPA) Method 8010. TRPH indicates the concentration of Total Recoverable Petroleum Hydrocarbons (TRPH) detected by USEPA Method 418.1.

All Structures indicated on this map are former Structures. The Buildings and UST's were demolished and removed in 1992.

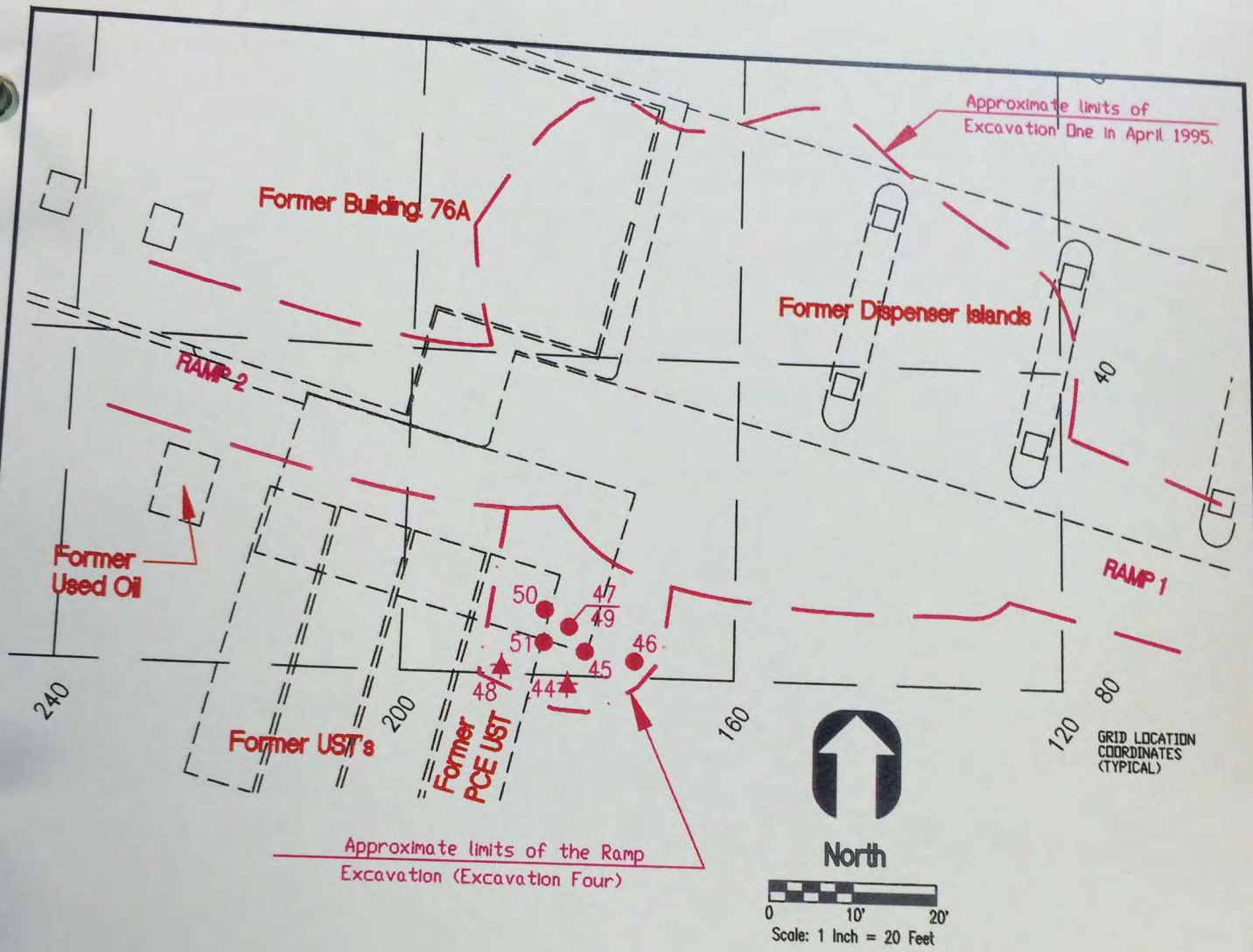
All Coordinates shown are approximate and were measured, not surveyed.

LOCKHEED MARTIN

2550 N. HOLLYWOOD WAY SUITE 108
BURBANK, CALIFORNIA 91505

Plant A1 South, Eastern Portion of the Former Building 76A Excavation Four, Ramp Excavation, Depths of 3 to 11 feet

Ramp Excavation 3-11 ft - Figure 18



Sample Point No.	Coordinates	Depth (feet)	Sample/Analysis Date	Concentration mg/kg	
				PCE	TRPH
44	81'-180'	8'	04/03/95	0.065	ND
45	77'-178'	12'	04/03/95	0.0099	ND
46	78'-172'	12'	04/03/95	ND	ND
47	74'-180'	12'	04/03/95	0.59	38
48	79'-188'	9'	04/03/95	0.034	5.6
49	74'-180'	13'	04/04/95	0.022	ND
50	72'-183'	13'	04/04/95	0.045	8.8
51	76'-183'	13'	04/04/95	0.034	ND

Legend

95
102
indicates two soil samples from the same coordinate location (elevation may vary)

88
indicates sample point number

soil sample point (typ.)

- Indicates sample depths from 5' to 7'
- Indicates sample depths from 7' to 10'
- Indicates sample depths from 10' to 15'
- Indicates sample depths from 15' to 20'
- Indicates sample depths from 20' +

TYPICAL NOTES:

1. Concentrations are reported as milligrams per kilograms (mg/kg) and indicate the concentrations of Tetrachloroethene (PCE) detected by United States Environmental Protection Agency (USEPA) Method 8010. TRPH indicates the concentration of Total Recoverable Petroleum Hydrocarbons (TRPH) detected by USEPA Method 418.1.
2. All Structures indicated on this map are former Structures. The Buildings and UST's were demolished and removed in 1992.
3. All Coordinates shown are approximate and were measured, not surveyed.

LOCKHEED MARTIN
2550 N. HOLLYWOOD WAY SUITE 506
BURBANK, CALIFORNIA 91505

Plant A1 South, Eastern Portion of the Former Building 76A Excavation Four, Ramp Excavation, Depths of 11 to 13 feet

Lockheed Martin
Corporate Environment, Safety &
West Coast Projects Office
2550 North Hollywood Way, 3rd Floor, Burbank, CA 91505-1055
Facsimile 818·847·0256 or 818·847·0170

LOCKHEED MARTIN

RECEIVED
2000 DEC -7 A 10:46
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD LOS ANGELES REGION

Via Airborne Express
CAY1200/197

December 4, 2000

Mr. Dennis A. Dickerson
Executive Officer
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, California 90013

Subject: Requirement for a Technical Report Pursuant to California Water Code Section 13267 – Lockheed Martin Plants A-1 North, Building 85, A-1 East, A-1 South, B-1, B-5, B-6 West, Building 371, and C-1. (Files 104.5152, 104.1165, 104.5154, 104.0675, 104.0676, 104.5167, 104.0674104.1691, 104.1343).

Dear Mr. Dickerson:

Lockheed Martin Corporation is in receipt of the subject letters which request that a chemical use questionnaire be returned for each of the nine properties by December 15, 2000. Lockheed Martin Corporation understands that the Water Board has subsequently given all recipients of the chemical use questionnaire an extension to January 5, 2001. Many of the questions seek historical information and, as you know, Lockheed Martin has not operated in Burbank for 10 years. It will take more than the time allotted to respond to the questionnaire, especially since there are questions that request information on all inorganic compounds that have been used in the past.

Lockheed Martin Corporation requests that an extension to February 28, 2000, be granted for submittal of this information.

In the future, please send all correspondence to Gene Matsushita at the same address. Thank you for your cooperation.

Sincerely,

Carol A. Yuge

Carol A. Yuge

CAY:mg

C: Arthur Heath - CRWQCB
Dixon Oriola – CRWQCB

...mson H. Hickox
Secretary for Environmental Protection

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640
Internet Address: http://www.swrcb.ca.gov/~rwqcb4

Gray Davis
Governor

December 21, 2000

Ms. Carol Yuge
Lockheed Martin Corporation
Burbank Program Office
2550 North Hollywood Way, 3rd Floor
Burbank, CA 91505-1055

Dear Ms. Yuge:

REQUEST FOR EXTENSION, REQUIREMENT FOR A TECHNICAL REPORT, LOCKHEED MARTIN PLANTS A-1 NORTH (FILE NO. 104.5152), BUILDING 85 (FILE NO. 104.1165), A-1 EAST (FILE NO. 104.5154), A-1 SOUTH (FILE NO. 104.0675), B-1 (FILE NO. 104.0676), B-5 (FILE NO. 104.5167), B-6 WEST (FILE NO. 104.0674), BUILDING 371 COMPLEX (FILE NO. 104.1691) AND C-1 (FILE NO. 104.1343) BURBANK, CALIFORNIA

We have received your December 4, 2000 letter requesting an extension from January 5, 2001 to February 28, 2001 for the submittal of the chemical use questionnaires for the subject facilities as specified in our November 29, 2000 letter to Lockheed Martin. You indicated that the additional time is needed to provide the requested information.

We are unable to grant you the extension to February 28, 2001. However, we are providing you until January 15, 2001 to submit the requested information.

If you have any questions, please call Alex Carlos at (213) 576-6726.

Sincerely,

Dennis A. Dickerson
Executive Officer

cc: Jorge Leon, SWRCB, Office of the Chief Counsel
Diane Strassmaier, U.S. EPA, Region IX
Hamid Saebfar, CALEPA, DTSC, Region 3
Paul Lisak, Los Angeles County Fire Dept., Health Hazmat Division
Mel Blevins, ULARA Watermaster
Robert Ovrom, City of Burbank
Bruce Feng, City of Burbank
Roger Baker, City of Burbank
Dennis Barlow, City of Burbank
Devin Burns, City of Burbank

2220 North Hollywood Way, 3rd Floor, [illegible]
Facsimile 818-847-0256 or 818-847-0170

Via Airborne Express
CAY1200/197

December 4, 2000

Mr. Dennis A. Dickerson
Executive Officer
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, California 90013

Subject: Requirement for a Technical Report Pursuant to California Water Code Section 13267 – Lockheed Martin Plants A-1 North, Building 85, A-1 East, A-1 South, B-1, B-5, B-6 West, Building 371, and C-1. (Files 104.5152, 104.1165, 104.5154, 104.0675, 104.0676, 104.5167, 104.0674104.1691, 104.1343).

Dear Mr. Dickerson:

Lockheed Martin Corporation is in receipt of the subject letters which request that a chemical use questionnaire be returned for each of the nine properties by December 15, 2000. Lockheed Martin Corporation understands that the Water Board has subsequently given all recipients of the chemical use questionnaire an extension to January 5, 2001. Many of the questions seek historical information and, as you know, Lockheed Martin has not operated in Burbank for 10 years. It will take more than the time allotted to respond to the questionnaire, especially since there are questions that request information on all inorganic compounds that have been used in the past.

Lockheed Martin Corporation requests that an extension to February 28, 2000, be granted for submittal of this information.

In the future, please send all correspondence to Gene Matsushita at the same address. Thank you for your cooperation.

Sincerely,

Carol A. Yuge

Carol A. Yuge

CAY:mg

C: Arthur Heath - CRWQCB
Dixon Oriola – CRWQCB

RECEIVED
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
2000 DEC -7 P

2555 North Hollywood Way, 3rd Floor, Burbank, CA 91505-1055
Facsimile 818-847-0256 or 818-847-0170

LOCKHEED MARTIN

January 12, 2001

RECEIVED
2001 JAN 16 A 10:01

Mr. Dixon Oriola
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

Subject: Transmittal of Chromium Investigation Chemical Storage and Use Questionnaires

Dear Mr. Oriola:

In response to the Los Angeles – California Regional Water Quality Control Board's (LA-CRWQCB) letters dated November 29, 2000, Lockheed Martin Corporation has completed Chemical Storage and Use Questionnaire forms required for nine different properties currently or previously owned by Lockheed Martin Corporation (LMC). Please note, LMC has not conducted operations at these properties for a number of years. The questionnaires were completed based on available historical information in accordance with the due date provided by the LA-CRWQCB. The completed questionnaires are attached for the following pro

(1) Plant A-1 North located at 2555 N. Hollywood Way, Burbank
(2) Plant A-1 South located at 2311 N. Hollywood Way, Burbank
(3) Plant A-1 East located at 3401 W. Empire Avenue, Burbank
(4) Plant B-1 located at 1705 Victory Place, Burbank
(5) Former Plant B-5 located at 4207 Empire Avenue, Burbank
(6) Plant B-6 West located at 2801 N. Hollywood Way, Burbank
(7) Plant B-6 East – Building 371 located at 2960 N. Hollywood Way,
(8) Plant C-1 located at 10720 Sherman Way, Burbank
(9) Building 85, Lots 16, and 16A located at 3220 W. Thornton, Burbank

Lockheed Martin is submitting the nine completed questionnaires in advance of the January 15, 2001 due date specified in the LA-CRWQCB's letter dated December 21, 2000.

...uality Control Board
...os Angeles Region
320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640
Internet Address: http://www.swrcb.ca.gov/~rwqcb4
Gray Davis
Governor

RECEIVED
2001 JAN 16 A 10:07

CHEMICAL STORAGE AND USE QUESTIONNAIRE
CHROMIUM INVESTIGATION

I. **Facility information**

II. **Company name:** Plant A-1 South

1. Company address: 2311 North Hollywood Way Unit No. _____
2. City: Burbank Zip code: 91505 Phone: (818) 847-0197
3. Standard Industrial Classification (SIC): _____
4. Brief description of business:
   The plant has been demolished, and the property has been redeveloped.
   Historically, Plant A-1 South was used for offices, vehicle maintenance, and parking.
5. EPA Generator Number: CAD008255283 Years in business at this location: 1969 to 1995
6. Answer the following questions relative to **present** operations:
   A. Do you do plating or manufacture circuit boards? ___ Yes X No
      If yes, please explain:
   B. Do you have plating or anodizing tanks? ___ Yes X No
   C. Do you perform any metal work? ___ Yes X No
   D. Do you have a clarifier, sump, tank or other holding tanks for waste water? ___ Yes X No
   E. Do you have an industrial waste permit for sewer discharge? ___ Yes X No
   F. Do you store chemicals at this location? ___ Yes X No

G. Has any soil, waste water and/or groundwater investigations been conducted on the property? X Yes ___ No

If so, by what state or local agency? Los Angeles – California Regional Water Quality Control Board

8. Answer the following questions regarding **past** operations:

A. Do you know if plating operations existed at this location? ___ Yes X No

If yes, please explain:

_____

_____

B. Did you once have plating or anodizing tanks? ___ Yes X No

C. Did you perform any metal work? X Yes ___ No

D. Did you have a clarifier, sump, tank or other holding tanks for waste water? X Yes ___ No

E. Did you have an industrial waste permit for sewer discharge? X Yes ___ No

F. Did you have a drum storage area? X Yes ___ No

G. Have any soil, waste water and/or groundwater investigations been conducted on the property? X Yes ___ No

9. Name(s) of former tenants(s), dates of operation and type of business (provide a separate sheet if necessary).

Company Name	Type of Business	Dates of Operation at the Site
None		

10. List all processes in which metallic compounds (derived from the elements listed in Table 1) are used.

The plant has been demolished. Lockheed Martin conducts no operations at this property.

II. Property owner information

1. Name of current property owner: Gort, Ltd. – Fry Electronics
2. Mailing address of property owner: 340 Portage Avenue
3. City: Palo Alto Zip code: 94306 Phone: ( ) _____

4. Prior property owner(s) and the dates of their ownership

Property Owner	Dates of Ownership	
	From	To
Unimart (portion of property)	1962	1986
American Hospital Supply (portion of property)	1962	1969
Lockheed	1969	December 1995

III. Waste Management

1. What are the sources of industrial waste from the site? (Identify sources by process, composition of wastes generated and approximate quantity disposed of monthly).

Lockheed Martin generates no waste at this property.

...y Control Board
Los Angeles Region
320 W. 4th Street, Suite 200, Los Angeles, California 90013
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Governor

RECEIVED
2001 JUL 19 A 8:07

CHEMICAL STORAGE AND USE QUESTIONNAIRE

CHROMIUM INVESTIGATION

I. **Facility information**

II. **Company name:** Plant A-1 East

1. Company address: 3401 W. Empire Avenue Unit No. _____
2. City: Burbank Zip code: 91505 Phone: (818) 847-0197
3. Standard Industrial Classification (SIC): _____
4. Brief description of business:
   The plant has been demolished. Historically, Plant A-1 East was used as a cafeteria, administrative offices, pump house, and photographic and film reproduction facility.
5. EPA Generator Number: _____ Years in business at this location: 1941 to 1995
6. Answer the following questions relative to **present** operations:
   A. Do you do plating or manufacture circuit boards? ___ Yes X No
   If yes, please explain:
   B. Do you have plating or anodizing tanks? ___ Yes X No
   C. Do you perform any metal work? ___ Yes X No
   D. Do you have a clarifier, sump, tank or other holding tanks for waste water? ___ Yes X No
   E. Do you have an industrial waste permit for sewer discharge? ___ Yes X No
   F. Do you store chemicals at this location? ___ Yes X No

IV. Sewer Information

1. ___ Industrial ___ Septic tank ___ Municipal ___ Cesspool (Property is currently not or occupied by Lockheed)
2. Was a different sewer system used in the past? X Yes ___ No
   If yes, specify type Sanitary sewer system

V. Chemical Storage and Use

Complete the following sections for all chemicals (inorganic compounds only) in current use or that have been used in the past. Add separate sheets to complete your listing.

1. Chemical name: Chromate Algicide – located at former Building 76 Cooling Towers
2. Common/Trade name: _____ Quantity stored: Unknown
3. Storage method: Unknown
   ___ Underground tank ___ Drums
   ___ Above ground tank ___ Other (specify)
4. Waste disposal: Not Applicable
   ___ Sewered ___ Onsite recycling
   ___ Hauled ___ Offsite recycling
5. Is the waste treated prior to disposal? Not Applicable ____ Yes ___ No
   If yes, specify treatment method: _____
6. Is the waste stored prior to disposal? Not Applicable ____ Yes ___ No
7. Is manifest documentation available for designated waste streams? Not Applicable ____ Yes ___ No

---

1. Chemical name: Sulfuric Acid Descaler – located at former Building 76 Cooling Towers
2. Common/Trade name: _____ Quantity stored: Unknown
3. Storage method: Unknown
   ___ Underground tank ___ Drums
   ___ Above ground tank ___ Other (specify)
4. Waste disposal: Not Applicable
   ___ Sewered ___ Onsite recycling
   ___ Hauled ___ Offsite recycling

LOS ANGELES REGION CONTROL BOARD

CHEMICAL STORAGE AND USE QUESTIONNAIRE

I. COMPANY NAME: Lockheed California Company

II. FACILITY ADDRESS: 2555 N. Hollywood Way, Burbank, CA 91520 Plants A-1, B-6, B-1 & C-1

III. CHEMICAL STORAGE AND USE AT THE SITE. Complete sections A-G for all chemicals in current use or that have been used in the past, use additional sheets if necessary.

A. CHEMICAL NAME: Dichloromethane B. COMMON/TRADE NAME: Methylene Chloride

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS_X_ OTHER(specify) and transfer vessels

D. QUANTITY STORED: 1,100 gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO_X_
If yes, method of treatment:

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO_X_

==========

✓

A. CHEMICAL NAME: Chloroform B. COMMON/TRADE NAME:

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS___ OTHER(specify) 1 gallon cans and 1 gallon bottles

D. QUANTITY STORED: 10 gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED___ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO_X_
If yes, method of treatment:

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO___ * NONE
Chemical is consumed during use in laboratories

A. CHEMICAL NAME: Methylethylketone B. COMMON/TRADE NAME: MEK

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS X OTHER(specify) and transfer vessels

D. QUANTITY STORED: 5,500 gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED X ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO X
If yes, method of treatment:

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO X

==========

A. CHEMICAL NAME: Methyl chloroform B. COMMON/TRADE NAME: 1,1,1 Trichloroethane

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS X OTHER(specify) and transfer vessels

D. QUANTITY STORED: 15,000 gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED X ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO X
If yes, method of treatment:

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO X

==========

✓

A. CHEMICAL NAME: Carbon tetrachloride B. COMMON/TRADE NAME:

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS___ OTHER(specify) gallon can

D. QUANTITY STORED: 1 gallon

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED___ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO___
If yes, method of treatment:

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO___

Product consumed in use

...erchloroethylene

...UNDERGROUND TANK_X_ ABOVE GROUND TANK_X_
BARRELS___ OTHER(specify)_____

D. QUANTITY STORED: 15,000 gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO_X_
If yes, method of treatment:_____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO_X_

==========

A. CHEMICAL NAME: Trichloroethylene B. COMMON/TRADE NAME:_____

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS___ OTHER(specify) gallon can

D. QUANTITY STORED: 1 gallon

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO_X_
If yes, method of treatment:_____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO_X_

==========

A. CHEMICAL NAME: methylisobutylketone B. COMMON/TRADE NAME: MIBK

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS_X_ OTHER(specify) and transfer vessels

D. QUANTITY STORED: 5,000 gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO_X_
If yes, method of treatment:_____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO_X_

B. COMMON/TRADE NAME: Automotive Fuels

C. METHOD OF STORAGE: UNDERGROUND TANK X ABOVE GROUND TANK___
BARRELS___ OTHER(specify) Vehicle Fuel Tanks

D. QUANTITY STORED: 27000 Gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED___ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO___ NONE
If yes, method of treatment:

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO___ NONE
PRODUCT IS CONSUMED IN COMPANY VEHICLES

A. CHEMICAL NAME: Petroleum-base B. COMMON/TRADE NAME: Motor Oil

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS X OTHER(specify) and 1-quart cans

D. QUANTITY STORED: 800 gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED X ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO X
If yes, method of treatment:

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO X

A. CHEMICAL NAME: Hydraulic Oil B. COMMON/TRADE NAME: Hydraulic Fluid

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS X OTHER(specify)

D. QUANTITY STORED: 20,000 gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED X ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO X
If yes, method of treatment:

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO X

A. CHEMICAL NAME:_____ B. COMMON/TRADE NAME: Safety Solvents

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS_X_ OTHER(specify)_____

D. QUANTITY STORED: 5,000 Gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO_x_
If yes, method of treatment:_____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO_X_

==========

A. CHEMICAL NAME: Zyglo Pen.Insp.Fluid B. COMMON/TRADE NAME: Water Sol. Fluor. Chem

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK_X_
BARRELS_X_ OTHER(specify)_____

D. QUANTITY STORED: 3,000 Gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO_X_
If yes, method of treatment:_____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO_X_

==========

✓

A. CHEMICAL NAME: Diesel II B. COMMON/TRADE NAME: Fuel Oil

C. METHOD OF STORAGE: UNDERGROUND TANK_X_ ABOVE GROUND TANK___
BARRELS___ OTHER(specify)_____

D. QUANTITY STORED: 12,000 Gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO_X_
If yes, method of treatment:_____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO_X_

A. CHEMICAL NAME:_____ B. COMMON/TRADE NAME: Lacquer Thinner

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS__X__ OTHER(specify) Cans

D. QUANTITY STORED: 5,000 Gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED__X__ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO__X__
If yes, method of treatment:_____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO__X__

==========

A. CHEMICAL NAME: Glycol B. COMMON/TRADE NAME: Prestone

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK__X__
BARRELS___ OTHER(specify)_____

D. QUANTITY STORED: 300 Gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED__X__ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO__X__
If yes, method of treatment:_____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO__X__

==========

A. CHEMICAL NAME: Mineral Spirits B. COMMON/TRADE NAME:_____

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS__X__ OTHER(specify) Cans

D. QUANTITY STORED: 1000 Gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED__X__ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO__X__
If yes, method of treatment:_____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO__X__

A. CHEMICAL NAME: 2 Propanol B. COMMON/TRADE NAME: _____

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS___ OTHER(specify) _____

D. QUANTITY STORED: 2500 gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO_X_
If yes, method of treatment: _____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO_X_

==========

A. CHEMICAL NAME: 2 Propanone B. COMMON/TRADE NAME: _____

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS_X_ OTHER(specify) _____

D. QUANTITY STORED: 500 Gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO_X_
If yes, method of treatment: _____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO_X_

==========

A. CHEMICAL NAME: Trichlorotrifluorethane B. COMMON/TRADE NAME: _____

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS_X_ OTHER(specify) _____

D. QUANTITY STORED: 2500 Gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO_X_
If yes, method of treatment: _____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO_X_

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS___ OTHER(specify) Gallon Can

D. QUANTITY STORED: 1 gallon

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO_X_
If yes, method of treatment:

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO_X_

==========

A. CHEMICAL NAME: Toluene B. COMMON/TRADE NAME:

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS_X_ OTHER(specify) 1-gallon cans

D. QUANTITY STORED: 275 gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO X
If yes, method of treatment:

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO X

==========

A. CHEMICAL NAME: Xylene B. COMMON/TRADE NAME:

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS_X_ OTHER(specify) 1-gallon cans

D. QUANTITY STORED: 275 Gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED_X_ ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO X
If yes, method of treatment:

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO X

A. CHEMICAL NAME: Napthalyene B. COMMON/TRADE NAME: Stoddard Solvent

C. METHOD OF STORAGE: UNDERGROUND TANK X ABOVE GROUND TANK___
BARRELS___ OTHER(specify)_____

D. QUANTITY STORED: 4000 Gallons

E. WASTE DISPOSAL METHOD: SEWERED___ HAULED X ONSITE DISPOSAL___

F. IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO X
If yes, method of treatment:_____

G. IS THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO X

==========

A. CHEMICAL NAME:_____ B. COMMON/TRADE NAME:_____

C. METHOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
BARRELS___ OTHER(specify)_____

QUANTITY STORED:_____

WASTE DISPOSAL METHOD: SEWERED___ HAULED___ ONSITE DISPOSAL___

IS THE WASTE TREATED PRIOR TO DISPOSAL: YES___ NO___
If yes, method of treatment:_____

S THE WASTE STORED PRIOR TO DISPOSAL: YES___ NO___

==========

EMICAL NAME:_____ B. COMMON/TRADE NAME:_____

HOD OF STORAGE: UNDERGROUND TANK___ ABOVE GROUND TANK___
ARRELS___ OTHER(specify)_____

TITY STORED:_____

E DISPOSAL METHOD: SEWERED___ HAULED___ ONSITE DISPOSAL___

E WASTE TREATED PRIOR TO DISPOSAL: YES___ NO___
s, method of treatment:_____

LOCKHEED CHEMICAL USE QUESTIONNAIRES

LOCKHEED MARTIN

Burbank Program Office
2550 N. Hollywood Way, Suite 506
Burbank, CA 91505-1055

RNH0495/178
April 11, 1995

Roy Sakaida, Ph.D., P.E.
Senior Water Resource Control Engineer
California Regional Water Quality
Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, California 91754

SUBJECT: SUBMITTAL OF LOCKHEED BURBANK FACILITIES, HISTORIC WELL EVALUATION AND ABANDONMENT, FINAL REPORT

Dear Mr. Sakaida;

Please find enclosed two copies of the Lockheed Burbank Facilities, Historic Well Evaluation and Abandonment, Final Report, prepared by Krieger & Stewart, Inc. This report documents the evaluation and abandonment of nine historical wells in compliance with California Department of Water Resources Bulletin 74-81 and the Krieger & Stewart Work Plan for Historic Well Evaluation and Well Abandonment dated June 14, 1994.

Please contact Carol Yuge at (818) 847-0197 should you have any comments or questions.

Sincerely,

Carol Yuge

R.N. Helgerson
Program Manager

JDP:jdp
WBS# 26200
Enclosure
cc: Mr. Mel Blevins, ULARA Watermaster
Mr. Peter Frankel, Burbank Public Service Department
Mr. David Seter, U.S.E.P.A.
Mr. Alex Carlos, CRWQCB - Los Angeles Region

HISTORIC WELLS

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION
101 CENTRE PLAZA DRIVE
MONTEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600

July 20, 1994

Mr. Ron N. Helgerson
Lockheed Environmental Systems
& Technologies Company
2550 N. Hollywood Way, Suite 506
Burbank, CA 91505

WORK PLAN FOR HISTORIC WELL EVALUATION AND ABANDONMENT - LOCKHEED BURBANK FACILITIES

We have reviewed the subject work plan dated June 14, 1994, which was prepared by Krieger & Stewart, Inc.

We have no objection to your implementing the work plan provided that the well evaluation and abandonment activities are conducted as proposed. Please provide this Regional Board a copy of the report documenting all field work related to this activity.

Please call Alex P. Carlos at (213) 266-7583 if you have any questions.

HUBERT H. KANG
Senior Water Resource
Control Engineer

HHK:apc

cc: Jorge Leon, SWRCB, Office of the Chief Counsel
David Seter, USEPA, Region IX
Dennis Dickerson, CALEPA, DTSC, Region 3
Mel Blevins, ULARA Watermaster
John Libby, City of Burbank Development/CDD
Michelle Levesque, Lockheed

Lockheed
Environmental Systems & Technologies Company

Burbank Program Office
2550 N. Hollywood Way, Suite 506, Burbank, CA 91505

VIA FEDERAL EXPRESS
RNH0694/244

RECEIVED
94 JUN 17 AM 11:05
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

June 16, 1994

Roy Sakaida, Ph.D., P.E.
Senior Water Resource Control Engineer
California Regional Water Quality
Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, California 91754

SUBJECT: SUBMITTAL OF WORK PLAN FOR HISTORIC WELL EVALUATION AND ABANDONMENT, LOCKHEED FACILITIES, BURBANK, CALIFORNIA

Dear Mr. Sakaida;

Please find enclosed two copies of the Work Plan for Historic Well Evaluation and Abandonment, Lockheed Facilities, Burbank, California. The wells covered in this plan will be abandoned in compliance with California Department of Water Resources Bulletin 74-81. This work will commence on or about June 27, 1994.

Please contact Carol Yuge at (818) 847-0197 should you have any comments or questions.

Sincerely,

Carol Yuge

R.N. Helgerson
Program Manager

JDP:jdp
Enclosure
cc: Mr. Mel Blevins, ULARA Watermaster
Mr. Peter Frankel, Burbank Public Service Department
Mr. David Seter, U.S.E.P.A.

Engineering & Sciences Company

Environmental Technical Services
2550 N. Hollywood Way, Suite 305, Burbank, CA 91505

RNH1192/337

November 3, 1992

Ms. Heather Stone
California Regional Water Quality Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, California 91754-2156

Dear Ms. Stone:

In accordance with RWQCB desires, Lockheed is taking this opportunity to inform you that as a result of a routine geophysical survey of Plant A-1 South, three anomalous areas were reported. One of these areas corresponds to an abandoned water well. The other two anomalies correspond to piping at the former Bldg. 76a location and a buried concrete structure north of Bldg. 81.

Lockheed will begin investigating the two anomalies, located north of Bldg. 81 and north of former Bldg. 76a, next week. The piping at the former Bldg 76a location will be investigated on Monday, November 9, 1992. The anomaly north of Bldg. 81 will be investigated on Wednesday, November 11, 1992.

Should you have any comments or questions, please contact Mr. Joe Phillips at (818) 847-0789.

Sincerely,

R.N. Helgerson
Project Manager
Environmental Technical Services

RNH:jdp

cc: Mr. David Bacharowski, RWQCB, Los Angeles Region
Ms. Colette Kostelec, U.S.E.P.A., Region IX
Mr. Roy Sakaida, CRWQCB, Los Angeles Region

OCKHEED BURBANK
HISTORIC WELLS

2. Wells will be prioritized based upon location and known groundwater quality impacts in the areas and evaluated.

3. Each well will be evaluated as follows:

   A. Video log of each well will be completed to determine screen depths, and current structural integrity.

   B. A temperature log will be completed to aid in evaluating any potential cross flow connections which may be acting as a conduit.

   C. Any pumps associated with wells will be disconnected and removed.

   D. Prepare a plan for abandonment of wells as needed. The feasability of obtaining groundwater quality samples from each well must be evaluated prior to abondomnemt. An evaluation will be made to determine whether any of these wells could potentially be used for ongoing hydrogelogic assessment and/or water quality monitoring points.

Your report and workplan to address all the items listed above is due to this Regional Board by April 16, 1990. If you have any questions concerning this matter, please contact me at (213) 266-7512 or Mr. David Bacharowski at (213) 266-7539.

Hank H Yacoub

HANK H. YACOUB
Supervising Water Resource
Control Engineer

HHY:DAB:tlr

cc: Jorge Leon, SWRCB, Office of Chief Counsel
Gil Torres, SWRCB, Division of Water Quality
Dennis Dickerson, DHS, Toxic Substances Control Division
Gary Yamamoto, DHS, Sanitary Engineering Branch
Alisa Greene, EPA, Region 9
Michael Mohajer, Los Angeles County, DPW, Waste Management Division

RECORD OF COMMUNICATION

☒ Phone Call ☐ Discussion [] Field Trip
☐ Conference ☐ Other (specify)

), F.6

FROM: DAB

DATE: 2/22/90 (3/2/90

: Lockheed Corp. Plant B1/A1 (818) 847-0789

FILE NO: 87-161

OF COMMUNICATION:

About 6-8 months ago I questioned Mr Dickey of LAS
ding wells at LASC that were used in the past for injectio
tion, and provided him with well numbers for 10 such
located at their Burbank facilities.
Mr. Steve Dickey called to inform me of their status
ing location. Those wells as follows:
1) Plant-B1 Bldg 150 - an extraction/injection
well pair found and appears to be in operation
recently. Well pair used to extract g.w used for wind
Tunnel Operations and then reinjected. Status not in
use now, pump power has been disconnected.
2 This well may be hooked to Burbank water supply and
then ~~used~~ injected after use since 1979. Additional
details being obtained.
One additional well under loading dock at Plant A

NS, ACTION TAKEN OR REQUIRED:

Bldg. 79. This well was purchased by LASC from Burba
PSD which was operated as a production well at one
time

N COPIES TO:

LOCKHEED BURBANK HISTORIC WELLS

Discussions with Mr Bukey proposed the following course of action.

a) A survey will be completed to identify the location and current/past use of these wells (~10).

b). Wells will be prioritized based on location and known groundwater quality impacts in the area

c) Each well will be evaluated as follows:

1. Videologging each well to determine screen depth and current structural integrity.
2. Temperature log will be completed to aid in evaluating and potential cross (connections & flow) which may act as conduits.
3. Any pumps associated with wells will be removed/disconnected
4. Prepare plan for abandonment of wells as needed. Evaluation to include potential use as monitoring points.

Recommendation

1) Send attached letter confirming telephone conversation and requesting formal course of action to address these wells.

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

WELL DATA

Monthly ☐ Hyd ☐ Sampling ☐ Other ☐

Owner LOCKHEED Aircraft Corp. State No. 1N/14W-4Q 2

Address Burbank, Calif. 91503 Other No. 3850 F

Tenant ..... Owner No. VEGA

Address .....

Location: County 70 - Los Angeles Area .....

Region 4 Basin ULARA U-05.B1

USGS Quad. Burbank Quad. No. 63-50

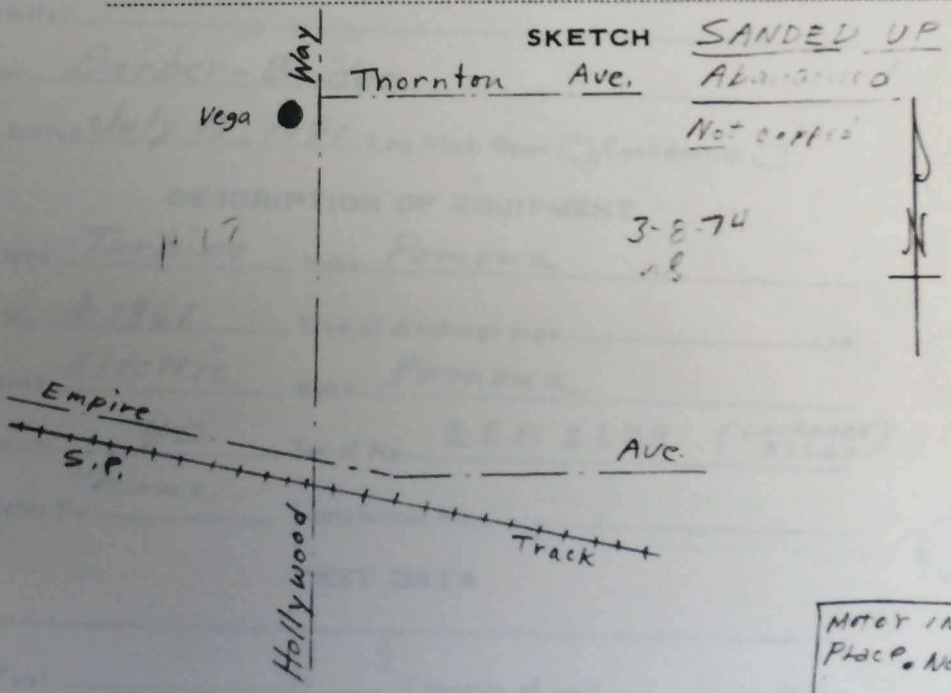
T 1N R 14W Sec. 4 Lot Q, 2 ~~MD~~ SB B&M

Description

1201.5' N. of ℄ Empire Ave.

70.5' W. of ℄ Hollywood Way

SKETCH SANDED UP ALUMINCO Not copied



..... feet North and ..... feet West of SE Sec. Cor

Meter in Place. Not used for W. RASMUSSEN
JAS 3-8-74

274 (REV. 12-64)

DESCRIPTION OF SAMPLING POINT

DESCRIPTION OF REFERENCE POINT

(a) Top of casing

....., ... ft. above / below land surface, Date.....

(b).....

....., ... ft. above / below land surface, Date.....

(c).....

....., ... ft. above / below land surface, Date.....

Ref.Pt. Elev.: (a)..... ft.; (b).....ft.; (c).....ft.

Ground Elev.: (a) 681.0 ft.; (b).....ft.; (c).....ft.

Determined from: (a).....; (b)..... ; (c).....

DESCRIPTION OF WELL

(Sanded)

Use Industrial (Fire Protection) Depth 302 ft.

Casing: size 16 in., perforations 180-250, 270-288

.....

Aquifer(s).....

Driller Barber-Bridge

Date drilled July 15, 1941 Log filed: Open ☐, Confidential ☐

DESCRIPTION OF EQUIPMENT

Pump type Turbine, Make Pomona

Serial No. A 1961, Size of discharge pipe.....in.

Motor kind Electric, Make Pomona

Horsepower 40, Serial No. 2EM 2329 (Lockheed 32267)

Elec. Meter No. None, Transformer No.....

TEST DATA

Agency.....

Date of Test .....19....., Capacity of well.....G.P.M.

Static Water Level.....ft., Drawdown.....ft.

WELL DATA

Monthly ☐ Hyd ☐ Sampling ☐ Other ☐

Owner LOCKHEED Aircraft Corp. | State No. 1N/14W-10A1

Address Burbank, Calif. 91503 | Other No. 3870-

Tenant (U.S.A.F. well) | Owner No. 1

Address

Location: County 70-Los Angeles Area

Region 4 Basin ULARA U-05.B1

USGS Quad. Burbank Quad. No. 63-50

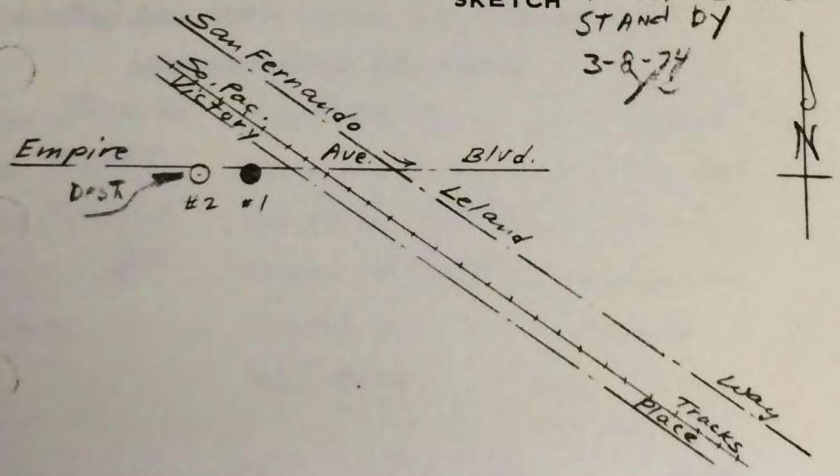
T 1N R 14W Sec. 10 Lot A , 1 ~~MD~~ SB B&M

Description

50' So. of & Empire Ave.

250' W. of & Victory Place

SKETCH INACTIVE WELL
STAND BY
3-8-74



.....feet North and.....feet West of SE Sec. Cor.

274 (REV. 12-64)

W. RASMUSSEN
FACILITIES ENGINEERING SUPERVISOR

SOIL REMEDIATION WORK PLAN
FOR
BUILDING 76A
LOCKHEED PLANT A-1 SOUTH
BURBANK, CALIFORNIA



Prepared By:

Lockheed Environmental Systems & Technologies Co.
Burbank Program Office
2550 North Hollywood Way, Suite 506
Burbank, California 91505

JANUARY 1995

PART 1
PART 2
INTRODUCTION

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1.0 INTRODUCTION

This Soil Remediation Workplan has been prepared for use in the remediation of the shallow soil located beneath and around the former Building 76A area of the Lockheed Plant A1 South, which is located in Burbank California. Figure 1 presents a vicinity map and schematic diagram of the A1 complex which includes Plant A1 North, A1 East and A1 South. Figure 2 presents a plot plan of the Plant A1 South site. Plant A1 South includes buildings 76 and 81, parking lots 11, 11A, 12 and 20, and the former Building 76A. Plant A1 South was decommissioned in the first quarter of 1992. All operating equipment and personnel have been removed.

1.10 Purpose and Objectives

LESAT has prepared this Soil Remediation Workplan for use in the excavation and disposal of soil which was found to contain Tetrachlorethene (PCE), diesel fuel and oil or hydraulic fluid. The building and all underground structures were removed from the site during site demolition in 1992. The PCE affected soil detected at Building 76A is present in the former Underground Storage Tank (USTs) area.

The locations of the USTs are shown on Figure 3. The affected areas (listed above) were discovered and characterized by the Environmental Assessment (McLaren, 1992), the completion of soil borings in the vicinity of the former Building 76A (ASL Consulting Engineers, 1992) and by the completion of a soil vapor survey (ASL Consulting Engineers, 1993). The data generated during these investigations was used to prepare the site for remediation. The proposed soil remediation will consist of excavating the affected soil and transporting the soil to an appropriate disposal site. A report documenting the results of the soil remediation will be prepared and submitted to the Los Angeles Region of the California Regional Water Quality Control Board (CRWQCB).

2.0 FACILITY BACKGROUND

Lockheed Plant A-1 South is rectangular in shape and consists of a 19.6 acre parcel of land. The parcel is bounded by Hollywood Way on the east, Vanowen Street on the north, Valhalla Avenue on the south and a cemetery on the west (see Figure 1). The parcel was used for agricultural purposes and as a dairy farm until the 1940s, at which time Lockheed began using portions of the property to support their Burbank aircraft manufacturing facilities. From the 1940s through the 1960s the land had various uses including parking for Lockheed employees, small restaurants bordering Vanowen Street, and an auto salvage yard.

2.10 Site Description

Asphalt or concrete paving covers approximately 75 percent of the parcel surface. An additional 17 percent is covered by Building 76 (owned by Lockheed) and Building 81(owned by others). The remaining eight percent of the parcel was occupied by Building 76A (owned by Lockheed) and the associated parking area (see Figure 2). The entire site, including Buildings 76, 81 and parking lots 11, 11A, 12, 20 and the Building 76A area are enclosed by a chain-link fence. Lockheed presently owns the eastern 60 percent of the site. Access to the Lockheed owned portion of the parcel is limited to authorized personnel.

The north-eastern corner of Plant A1 South which includes the location of the former building 76A and the surrounding area is the focus of this remediation (see Figure 2 and Figure 3). The former Building 76A site area is not surfaced at this time. A soil sealer is applied periodically to control weed growth and dust. The site surface has a slight gradient towards the southwest. A groundwater monitoring well and a storm drain are present in the north-eastern corner of the site near the intersection of Vanowen Street and Hollywood Way, as shown on Figure 3.

2.11 Building 76A

Building 76A was operated as a auto service center and was used by Lockheed for fleet vehicle maintenance and fueling. This facility included USTs, dispenser islands and piping, below-grade hydraulic lifts, clarifiers, and above ground storage areas for hazardous materials. Figure 3 presents a site plot plan with the details of the former Building 76A area. The eastern-most UST was used to store PCE and served as a central supply point for Lockheed's other plants in Burbank. The PCE was dispensed to tanker trucks and transported to the various Lockheed Burbank plants.

2.20 Background

The demolition of Building 76A was conducted during February-April 1992, demolition activities

included removal of the four USTs and associated piping and dispensers; removal of the building, floor slab, and foundations; and removal of all below grade improvements including hydraulic lifts, clarifiers, storm drains, and sewers. During the demolition process, areas of stained soil were noted and soil samples were collected to determine if elevated concentrations of regulated chemicals were present. Shallow stained soil was found in the western portion of Building 76A and around the USTs, piping, and dispenser islands. Affected soil excavated during the UST removals and building demolition was sent off-site for disposal. A report on the demolition monitoring and soil sampling was prepared by ASL in April 1992.

A total of four, single walled, steel, 12,000 gallon underground storage tanks (USTs); one, 550 gallon, single walled, steel, used oil tank; one concrete 1600 gallon clarifier; and seven dispensers were removed from the site. The two western-most 12,000 gallon USTs contained unleaded fuel (see Figure 3), the third 12,000 gallon UST (central) contained diesel fuel and the fourth contained PCE. The fuel and PCE UST's were pressure tested in August of 1985 and found to be tight. Table 1 (below) presents a summary of the liquid storage tanks that were present at Building 76A.

TABLE 1
List of Former Building 76A
Underground Storage Tanks (USTs)
and Clarifiers:

Id	Type/Capacity	Use/Contents	Status/Yr
A1-F8	UST/12,000 Gal. Steel	Unleaded Fuel	Removed/92
A1-F9	UST/12,000 Gal. Steel	Unleaded Fuel	Removed/92
A1-F10	UST/12,000 Gal. Steel	Diesel Fuel	Removed/92
A1-N	UST/12,000 Gal. Steel	Tetrachloroethene	Removed/92
A1-U	UST/550 Gal. Steel	Used Oil	Removed/85
A1-V	Clarifier/1,600 Gal. Conc.	Steam Clean Water	Removed/92*

* Clarifier A1-V was installed in 1988.

The tanks were removed under the supervision of Inspector Joseph Solares of the City of Burbank Fire Department (CBFD). Inspector Solares directed the collection of 21 soil samples from beneath the removed tanks, associated product lines, and dispenser islands. Eight soil samples were collected from beneath the USTs, nine soil samples were collected from beneath the product piping, and four soil samples were collected from beneath the dispenser islands. Soil samples were collected from depths approximately 5 feet below the tank invert and the product piping. Appendix B, Part 1 presents a summary of the laboratory analytical results from the UST removal and soil sampling and a plot plan showing the soil sample collection locations.

Based on the laboratory analytical results of the soil samples collected, the soil in the vicinity of the

line from the PCE tank and beneath the dispenser were found to contain PCE. Diesel fuel was also found to be present beneath the dispenser area with the PCE. In addition to the USTs, ten hydraulically operated vehicle lifts were removed from the inside of Building 76A. Hydraulic fluid or oil was found to be present in the soil beneath and around the former vehicle lifts.

Imported soil backfill was placed into the UST excavation on February 28, and 29, 1992 and compacted to 90 percent relative compaction.

2.30 Regional Geology

Plant A1 South is located south and west of the Verdugo Mountains within the southeastern San Fernando Valley. The San Fernando Valley is an alluvial basin that is approximately 23 miles long and 12 miles wide and contains up to 1000 vertical feet of alluvium material. The alluvium includes [from youngest (top) to oldest (bottom)]:

- Younger Alluvium (0 to 10,000 years old),
- Older Alluvium (10,000 to 1 million years old), and the
- Saugus Formation (1 to 2 million years old)(Oakeshott, 1958; Johnson et. al., 1973 as reported by ASL, 1992).

The Saugus Formation unconformably overlies an older Tertiary Geologic Age (1.6 to 66.4 million year old) marine sediment.

The Younger Alluvium is composed primarily of an accumulation of boulders, coarse to fine gravel and sand which was deposited as coalescing alluvial fans west of the Verdugo Mountains. The Older Alluvium mainly consists of coarse unconsolidated sand and gravel with minor amounts of clay [State Water Resources Control Board (SWRCB), 1962 as reported by ASL, 1992].

The Verdugo Fault extends under the alluvium between the Verdugo Hills and the Pacoima Hills, and lies approximately 1.1 miles northeast of Plant A1 South. This fault displaces the pre-Cretaceous Geologic Age (greater than 66.4 million years old) granitic and metamorphic rock basement complex.

2.31 Regional Hydrogeology

The Plant A1 Complex is located within the San Fernando Groundwater Basin (SWRCB, 1962 as reported by ASL, 1992). The depth to groundwater was reported to be approximately 180 feet below the ground surface (LESAT, 1994).

According to the LESAT Monthly Groundwater Elevation Data Reports, the groundwater beneath

the complex has risen approximately 20 feet since March of 1994 and has a gradient of approximately 0.002 feet per foot towards the southeast (LESAT, 1994; Hargis & Associates, 1992).

2.32 Local Subsurface Conditions

The soil beneath the site primarily consists of fill soil from the surface of the site to a depth of between five and ten feet. The fill reportedly consists of silty sand [Unified Soil Classification System, (USCS) classification SM]. (A copy of the USCS is presented in Appendix C.) Compacted fill is present in the former UST zone to a depth of 13 to 18 feet. The remainder of the soil beneath the site is reported to be composed of medium dense to dense, slightly moist to moist, fine to medium or coarse sand with trace silt (SW,SP). Cobbles or boulders have been reported to be present in the subsurface throughout the Burbank California area. Known groundwater is well below the anticipated excavation depth and perched groundwater has not been reported.

2.40 Previous Environmental Site Investigations

Previous environmental site investigations performed at the site include the following:

- Underground Tank Leak Detection Investigation (Gregg and Associates, 1985),
- Preliminary Site Assessment; Tank A1-F8, A1-F9 and A1-N, Gasoline Station, Plant A1, Lockheed Aeronautical Systems Company, Burbank California (ENSR, 1990),
- Tank Closure Report, Plant A1 South, 2311 North Hollywood Way, Burbank California (Converse Environmental West, 1992),
- Environmental Assessment (McLaren/Hart, 1992),
- Site Investigation and Characterization (ASL, 1992),
- Soil-Gas Survey (ASL, 1993).

A summary of the significant findings from the previous environmental investigations are presented below.

2.41 Underground Leak Detection Investigation

Gregg and Associates (Gregg) performed an environmental subsurface soil investigation in the vicinity of the former Building 76A USTs in 1985 and 1986. The investigation included the drilling of 14 soil borings in the UST area and the installation of vapor monitoring wells. The borings ranged from 15 to 40 feet in depth and a total of 17 soil samples were collected from the soil borings and submitted to the laboratory. The samples were then analyzed for the presence of PCE. PCE was not detected in any of the soil samples submitted to the laboratory for analysis. A summary of the

laboratory analysis results are presented in Appendix B, Part 1. A summary of the sample locations and the laboratory analysis results for the PCE are presented in Table 2 of this report. The soil boring locations are shown on Figure 3.

2.42 Preliminary Site Assessment

ENSR Consulting and Engineering (ENSR) continued the subsurface soil investigation around the Building 76A USTs in December 1988 through June of 1989 (ENSR, 1990). This investigation included the installation of 14 additional soil borings in the vicinity of the four, 12,000 gallon fuel USTs. The laboratory analysis results included TPH, benzene, toluene, ethylbenzene, xylene, PCE, 4-methyl 2-pentanone and acetone. A total of 27 soil samples were collected from the soil borings and analyzed for the presence of PCE. PCE was detected in four of the soil samples collected, they were: boring EA1-4N (3 foot depth); EA1-5N (2.5 foot depth); EA1-6N (4 foot depth) and EA1-8N (5 foot depth). TPH, toluene and xylene were also detected in the sample recovered from boring EA1-6N at a depth of 4 feet. All four of the soil samples containing PCE were collected from the southwestern dispenser area (see Figure 3). Table 2 presents a summary of the laboratory analysis results for PCE generated during the investigation performed by Gregg and Associates (1985 and 1986) and the ENSR investigation (1988 and 1989). A summary of the laboratory analysis results from the Preliminary Site Assessment are presented in Appendix B, Part 2.

Table 2
Summary of Laboratory
Analysis Results for 1988 through 1989
(Reported in mg/kg)

Gregg and Associates			ENSR		
Boring No.	Depth	PCE Conc.	Boring No.	Depth	PCE Conc.
A1F8-MV1	5'	NA	EA1-N	15'	ND
A1F8-MV2	15'	NA	EA1-N	40'	ND
A1F9-MV1	15'	NA	EA1-2N	15'	NA
A1F10-MV1	15'	ND	EA1-2N	21'	NA
A1F10-MV2	15'	NA	EA1-3N	3.5'	NA
A1N-MV1	15'	ND	**EA1-4N**	**3'**	**41.500 mg/kg**
A1N-MV2	15'	ND	**EA1-5N**	**2.5'**	**15.200 mg/kg**
A1N-B1	5'	ND	**EA1-6N***	**4'**	**2.460 mg/kg**
A1N-B1	Composite	ND	EA1-7N	4.5'	ND
A1N-B2	Composite	ND	EA1-8N	5'	.008 mg/kg
A1N-TB1	8'	ND	EA1-8N	30'	ND
A1N-TB1	16'	ND	EA1-8N	40'	ND
A1N-TB1	32'	ND	EA1-9N	15'	ND
A1N-TB2	8'	ND	EA1-9N	40'	ND
A1N-TB2	16'	ND	EA1-9N	50'	ND
A1N-TB2	32'	ND	EA1-10N	38'	ND
A1N-TB4	5'	ND	EA1-10N	43'	ND
A1N-TB4	10'	ND	EA1-10N	48'	ND
A1N-TB4	15'	ND	EA1-11N	20'	ND
A1N-TB4	20'	ND	EA1-11N	30'	ND
A1N-TB4	25'	ND	EAI -11N	40'	ND
			EA1-12N	23'	ND
			EA1-12N	33'	ND
			EA1-12N	43'	ND
			EA1-13N	23'	ND
			EA1-13N	33'	ND
			EA1-13N	43'	ND
			EA1-14N	5'	ND
			EA1-14N	30'	ND
			EA1-14N	40'	ND

NA Indicates not analyzed.

ND Indicates not detected at the detection limit.

* Indicates that TPH, toluene and xylene was also detected in this soil sample.

Test Methods

Gregg and Associates (undetermined)
ENSR-December 1988 through 1989
ENSR June 1989
TPH by USEPA Method 8015-M
Volatile Organic Constituents by USEPA Method 8240.

2.43 Tank Closure Report

Converse Environmental West (CEW) observed the excavation and removal of four 12,000 gallon USTs and the associated dispensers during late February, 1992. A total of eight soil samples were collected from below the former USTs, nine soil samples were collected from below the former piping and four soil samples collected from beneath the former dispenser. Table 3 presents a summary of the laboratory analysis results for the PCE detected. Appendix B, Part 3 presents copies of the laboratory analysis results from the CEW report (CEW, 1992)

Table 3
Summary of Laboratory Analysis Results
for Tank Closure
at Plant A1 South, Building 76A
(Reported in mg/kg)

USTs*		Piping**		Dispensers**	
Location	**PCE Conc.**	**Location**	**PCE Conc.**	**Location**	**PCE Conc.**
A1-F8-1A	NA	PL1	NA	D1 (SW)	NA
A1-F8-1B	NA	PL2	NA	D2 (NW)	NA
A1-F9-2A	NA	PL3	ND	D3 (NC)	NA
A1-F9-2B	NA	PL4	NA	D4 (SC)	1,600 mg/kg
A1-F9-3A	NA	PL5	NA		
A1-F9-3B	NA	PL6	NA		
A1-F10-4A	0.02 mg/kg	PL7	NA		
A1-F10-4B	ND	PL8	0.0007 mg/kg		
		PL9	0.0024 mg/kg		

NA Indicates not tested
ND Indicates not detected
All concentrations reported in mg/kg
PCE analysis by USEPA test method 8240
USTs Underground Storage Tanks
* Soil samples collected from a depth of 12.5 feet
** Soil samples collected from a depth of 6 feet
SW Indicates that the sample was collected from the southwestern most dispenser (NW = northwest dispenser, N C = north center dispenser, and SC = south center dispenser)

2.44 Environmental Assessment

McLaren/Hart completed a Phase I Environmental Assessment (EA) of Plant A-1 South. The investigation involved a review of historical operating practices at the plant, interviews with employees, a site inspection, and aerial photo review. The purpose of the EA was to identify possible areas of environmental concern which might require further investigation. The EA report was submitted by McLaren/Hart in January, 1992 (McLaren/Hart, 1992).

The EA identified several areas of the plant, primarily in and around Building 76A, which were anticipated to contain elevated concentrations of hydrocarbons in the subsurface. The features in the Building 76A area such as underground tanks, piping, hydraulic lifts, clarifiers, etc. were identified as potential sources. In addition, the review of historical operating practice revealed that surface spills of fuels and PCE had occasionally occurred at the dispensing islands and near the eastern perimeter fence where a temporary above ground PCE holding tank had been located. These areas were targeted for further subsurface investigation.

2.45 Site Investigation and Characterization

Although investigation activities were performed prior to 1992 as part of Lockheed's UST compliance program, a comprehensive subsurface investigation had not been completed. Based on the information compiled in the EA and the observations from the demolition of Building 76A, a comprehensive subsurface investigation was performed in June 1992 by ASL Consulting Engineers (ASL). This investigation consisted of completing a total of 78 soil borings across the parcel. Fifty-eight of the borings were concentrated in the Building 76A area (ASL, 1992).

Forty-eight of the soil borings were completed to depths of 10 or 20 feet. Nine borings were completed to a total depth of 35 to 40 feet and one boring was completed to a depth of 80 feet. A total of 344 soil samples were collected from the 78 borings. Two-hundred and eight of the soil samples were collected from the 58 soil borings installed in the Building 76A area from a depth of 5 feet or below. A summary of the soil sample analysis results are presented in Appendix B (Part 4). Figure 4 presents the locations of soil borings completed in the Building 76A area during the 1992 investigation.

Soil samples were analyzed for the presence of metals, polychlorinated biphenyls (PCBs), Total Petroleum Hydrocarbons (TPH), and for Volatile Organic Compounds (VOCs), including PCE. The principal chemicals identified in the soil samples were diesel fuel, oil, and PCE. TPH (fuels and oils) was generally confined to the shallow subsurface soil above a depth of 10 feet in the western portion of Building 76A. Only one boring, B76A-46, showed significant concentrations of TPH at depths greater than 10 feet. In this boring, located at one of the dispenser islands, petroleum hydrocarbons were found in conjunction with PCE to a depth of 25 feet.

Elevated VOC concentrations were generally limited to the shallow subsurface soil in the eastern portion of Building 76A which included the underground storage tanks, piping and dispensing systems. The areas of the plant which contained elevated concentrations of PCE generally conformed with the areas where product dispensing, storage, and surface spills had been reported.

Following the demolition of Building 76A and the completion of the subsurface soil investigation, the CRWQCB requested Lockheed to complete a soil gas survey at the plant to ensure that no

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source areas had escaped detection during the previous investigation and to confirm the results of the site characterization investigation. A summary of the soil-gas survey is presented in section 2.46 of this report.

2.46 Soil-Gas Survey

A total of 181 soil-gas samples were collected from 159 sampling locations across the parcel. Soil-gas samples were collected from a depth of five feet Below the Ground Surface (BGS) between September 23 and October 7, 1993. A soil-gas probe grid spacing of 100 feet was used across the majority of the Plant A1 South parcel. Soil-gas probes located in the Building 76A area were placed at 20 foot intervals.

One-hundred and nine of the soil-gas probes were completed in the Building 76A area. Eighty nine soil-gas samples were collected from a depth of five feet. The data collected from a depth of five feet was reviewed with a representative of the CRWQCB and the locations for 20 additional soil-gas samples to be collected from a depth of between 10 to 25 feet BGS were selected. Soil-gas samples collected in the former UST vicinity were collected from a depth of 25 feet BGS and the remainder of the soil-gas samples were collected at depths of between 10 and 20 feet. Figure 2 presents the locations of the soil gas probes across the entire parcel, and Figure 4 presents the locations of the soil-gas probes completed in the Building 76A area.

The soil-gas samples were analyzed for the standard list of 22 chlorinated and aromatic compounds required by the CRWQCB. Appendix B (Part 5, Table 4-5), presents a summary of the concentrations of analities detected in the soil-gas survey.

Five Foot Depth

Twelve of the soil-gas samples collected from a depth of five feet, in the Building 76A area were found to contain concentrations of PCE in excess of 0.1 milligrams per liter in air (mg/l-air). They are probes numbered 104, 105, 113, 114, 115, 126, 127, 128, 140, 141, 142 and 150. Only one of these soil-gas samples was found to contain concentrations of PCE in excess of 1.0 mg/l-air. The probe location which was found to contain concentrations of PCE in excess of 1.0 mg/l-air was probe number 114 (2.2 mg/l-air). This sample was collected from the vicinity of the southern end of the western dispenser islands, adjacent to boring B76A-48. Figure 4 presents the soil-gas probe locations.

Twenty Foot Depth

Five of the above listed soil-gas probes (Probes Numbered 105, 114, 115, 127 and 150) were extended to a depth of 20 feet and re-sampled. None of the soil-gas samples collected from a depth

of 20 feet were found to contain concentrations of PCE in excess of 1.0 mg/l-air.

Figure 5 presents the locations of the soil-gas probes and the concentrations of PCE detected in the soil-gas samples collected from a depth of 20 feet. Table 4 below presents a summary of the concentrations of PCE detected in the soil-gas probes and the soil borings.

TABLE 4
Summary of Selected PCE Concentrations
Detected in Soil-Gas Probes and Soil Borings
Plant A1 South, Building 76A

PROBE	Depth 5 Feet Conc.*	20 Feet Conc.*	BORING	Depth 5 Feet Conc.**	20 Feet Conc.**
104	0.120	NA	B76A-6	0.008	0.0006
105	0.250	0.190	B76A-7	0.480	ND
113	0.190	NA	B76A-8	0.055	0.051
114	**2.200**	0.054	B76A-9	0.016	ND
115	0.110	0.019	B76A-10	0.180	0.0008
126	0.200	NA	B76A-11	NA	ND
127	0.500	0.140	B76A-12	NA	0.0030
128	0.320	NA	***B76A-46***	***44.0***	***160.0***
140	0.110	NA	B76A-47	0.0041	ND
141	0.210	NA	***B76A-48***	***0.039***	***0.0640***
142	0.130	NA	B76A-50	0.030	NA
150	0.100	0.004	B76A-57	0.0110	ND
			B76A-58	***ND***	***0.0250***

* Concentrations reported in mg/l-air by CRWQCB WIP method (Modified USEPA method 8010/8020)
** Concentrations reported in mg/kg (soil), by USEPA Test Method 8010-8020
NA Indicates Not Analyzed
ND Indicates Not Detected at the detection limits

All measurements equal to or in excess of 1.0 mg/l-air or 1.0 mg/kg are printed in normal bold lettering
Sample locations containing concentrations of PCE which increased with depth are printed in bold italic lettering.

As can be seen from Table 4 above, the concentrations of PCE that exceeded 1.0 mg/l-air or 1.0 mg/kg are printed in bold type (probe number 114 and 127 at a depth of five feet). Concentrations that were found to increase with depth, (B76A-46, B76A-48 and B76A-58) are marked in bold italics. Of the 48 analyses presented in Table 4 above, only three exceeded 1.0 mg/l-air or mg/kg in soil.

2.50 Previous Geotechnical Study

A preliminary geotechnical study was performed in the Building 76A area by Converse Consultants West (CCW) in January, 1992. The study consisted of the excavation of four test pits to depths of ten feet. The soil lithology and shallow structure was described in accordance with the Unified Soil Classification System (USCS) as the excavations advanced. Relatively undisturbed soil samples were collected from two of the test pits in ring type samplers for consolidation tests and direct shear tests. Bulk soil samples were also collected for grain size analysis and compaction curves (maximum density/optimum moisture test). Figure 3 presents the locations of the excavations. The excavations were backfilled and compacted with the backhoe bucket upon completion.

Trench number 2 was located near the eastern end of the former Building 76A. The soil samples collected from the pit were described as a gray, fine sand with some medium grains (SP according to the USCS classification), slightly silty, with lenses of sandy silt (ML). Soil moisture was tested and determined to be four percent moisture in the soil sample collected from Trench 2.

3.0 AREAS OF CONCERN

LESAT met with the CRWQCB, Los Angeles Region on December 28, 1995 to discuss the soil clean-up goals for the Plant A1 South, Building 76A area. During the discussion, examples from the Interim Guidelines for Remediation of VOC Impacted Sites (CRWQCB, 1994) were reviewed as well as information specific to the Building 76A area. The site information discussed included the depth to the groundwater, the current condition of the groundwater and the Lockheed groundwater recovery operation (the Burbank Operable Unit) which will be operating downgradient (southeast) of Plant A1 South.

Groundwater is present beneath the Plant A1 South area at a depth of approximately 180 feet below the ground surface. PCE has been detected in the groundwater beneath the Plant A1 South area in concentrations of up to 1,400 μg/L in well number A1-CW-9 (April 1994, LESAT, 1994). The Burbank Operable Unit (BOU) will be recovering and treating up to 9,000 gallons per minute of groundwater from the uppermost aquifer beneath the site. The groundwater beneath the Plant A1 South area has been modeled and is predicted to be within the capture zone of the BOU.

After considering the site specific factors mentioned above, the CRWQCB and LESAT agreed upon 0.150 mg/kg in soil as the target for meeting the remediation objectives for the planned soil excavation at the Plant A1 South, Building 76A site.

Areas where soil samples and soil-gas samples were collected from near the site surface (depth of one foot or less) were not considered for remediation due to the following factors:

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- The elevated soil-gas readings which may be the result of the accumulation of volatile hydrocarbons under the former asphalt surface,
- The disruption and movement of the shallow soil during site demolition and grading,
- The possibility of broken asphalt contaminating the soil samples collected at a depth of one foot and indicating false results, and
- The probability of natural degradation or diffusion of the hydrocarbons detected in the shallow soil,

Figure 5 presents a detail map of the Building 76A dispenser area. The environmental assessments and evaluations performed at the site yielded the following areas of concern for the site.

- Soil in the vicinity of the former southwestern fuel dispensers was found to contain elevated concentrations of TPH by California Environmental Protection Agency (Cal-EPA) test method 8015 modified for Diesel fuel, Total Recoverable Petroleum Hydrocarbons (TRPH) by United States Environmental Protection Agency (USEPA) test method 418.1 and PCE by USEPA test method 8010/8020. Trichloroethene (TCE) was found to be present in conjunction with the PCE. [Tank removal samples D-4 (5 foot-1,600 mg/kg-PCE), PL-4 (5 foot-400 mg/kg-TRPH) and PL-7 (5 foot-450 mg/kg-TRPH). Soil borings B76A-46 (5 foot-44 mg/kg-PCE, 10 foot-260 mg/kg-PCE, 15 foot-330 mg/kg-PCE, 20 foot-160 mg/kg-PCE and 25 foot-73 mg/kg-PCE)]. This area has been designated proposed excavation number 1.

- Soil in the vicinity of the former used oil tank located south of the former Building 76A contained elevated concentrations of TRPH and PCE. (Soil borings B76A-17-5 foot-130 mg/kg-TRPH and 1.1 mg/kg PCE.) This area has been designated as proposed excavation number 2.

- Soil in the vicinity of the former vehicle lifts specifically, near soil boring B76A-34 contained elevated concentrations of PCE. (2.5 mg/kg PCE at a depth of ten feet and non-detect at a depth of fifteen feet.) This area has been designated as proposed excavation number 3.

3.10 Estimated Volume of PCE Affected Soil

The area beneath the southwestern dispenser was found to contain the greatest concentrations of PCE. LESAT estimated the vertical and lateral extent of the PCE affected soil based on the previous environmental soil investigations. For the purpose of this evaluation, concentric cylinders were selected to represent the PCE affected soil beneath the dispenser. Figure 6 presents a schematic cross sectional diagram showing the PCE affected soil and the cylinders. The cylinders will present the most conservative estimate of the volume of affected soil by over-estimating the volume of

affected soil containing the more elevated concentrations of PCE.

As can be seen on Figure 6, the cylinders were estimated to extend from the surface of the site to a maximum depth of 28 feet. The soil contained within each cylinder conservatively estimated to be at or above the average concentration of the PCE detected in the soil samples. For example; the soil present between the 200 and 300 mg/kg contours was all considered to be at a concentration of 250 mg/kg (200mg/kg + 300 mg/kg divided by 2 = 250 mg/kg). Table 5 below presents a summary of the data used to estimate the volume of PCE contained within the soil beneath the former dispenser.

Table 5
Estimated Volume of PCE Affected Soil
Plant A1 South, Building 76A
Former Dispenser Area

Hgt. (feet)	Radius (feet)	Volume* (Cu. ft)	Volume (Cu. yds)	Range** (mg/kg)	Avg. Conc.** (mg/kg)	PCE (pounds)	PCE (gallons)
6'	3'	197^3	7.30^3	300-400	350	6.90	0.51
12'	6'	1160^3	43^3	200-300	250	29.0	2.14
18'	7'	1414^3	52.4^3	100-200	150	21.21	1.57
28'	10'	6025^3	223^3	10-100	50	30.12	2.22
28'	20'	26,390³	977^3	1-10	5	13.20	0.97
	TOTAL		**1302.7^3**			**100.43**	**7.41**

* The volume of soil calculation depicted above is calculated by using the formula $\pi r^2 h$ (the formula for a cylinder) and then subtracting the volume of the soil which contains the greater concentration of PCE (ie. subtracting the inner cylinder from the outer cylinder)

** Range and Average Concentrations for PCE are reported in milligrams per kilogram (mg/kg)

One gallon of PCE weighs 13.54 pounds.

The estimated volume of PCE was calculated by using the following formula:

$$\frac{\text{Soil Density} \times \text{Average Conc. of PCE} \times \text{Cubic feet of Affected Soil}}{1{,}000{,}000}$$

ASSUMPTIONS
The soil density is estimated to be approximately 100 pounds per cubic foot.
The average concentration of PCE is reported in mg/kg.
The cubic feet of affected soil is estimated from cylinders (see Figure 6).

3.20 Characteristics of PCE Affected Soil

Based on the soil description provided in the previous environmental investigations and the geotechnical study, the characteristics of the shallow soil beneath the site are anticipated to be slightly moist to moist, fine to medium sand with silt. Sections 3.21 and 3.22 will present the estimated soil porosity and will discuss the ability of the soil to retain or transmit fluids.

3.21 Porosity

The porosity of soil (N) is equal to the volume of the pore space in the soil divided by the volume of the bulk solid (Fletcher, G. D., 1969, pg. 67). The average porosity of the unconsolidated silty sand present beneath the site to a depth of approximately 80 feet is estimated to be between 25 percent (less permeable) and 40 percent (more permeable).

3.22 Specific Retention and Specific Yield

The Specific Retention (SR) of a soil is a number that expresses the percentage of water that the soil can retain against gravity drainage, to the total volume of the soil. The Specific Yield (SY) of the soil is the percentage of water that exceeds the SR. Soil porosity can be expressed as being equal to the specific retention plus the specific yield of the soil (N = SR + SY).

As presented above, the porosity of the soil beneath the site can be conservatively estimated to be approximately 40 percent. The SY for a medium sand is estimated to be between 10 percent (less fluid released) and 30 percent (more fluid released) (Fletcher, G. D., 1969, pg. 67). For the purpose of this evaluation, the more conservative SY value of 30 percent will be used. By using the greater value for permeability (40% > 10%) and for the specific yield (30% > 10%) , the most conservative calculation for that would allow the greatest possible migration for the PCE can be estimated. The formula for porosity can be re-arranged to calculate the SR for the soil (SR = N - SY).

SR = 40 - 30
SR = 10 percent

Therefore, the maximum percentage of a fluid (such as water) that the soil can retain (SR) is approximately 10 percent. The in-place soil moisture was previously determined to be 4 percent (in the trenches tested during the geotechnical evaluation, see section 2.50 of this report), well below the maximum.

Soil samples collected from within the area affected by PCE were reported to range in moisture from slightly moist to moist. The moisture content in the soil which has been affected by PCE has been estimated to be from 4 to 8 percent, based on the soil moisture guide presented below:

Soil Description	Moisture
Dry	0 % - 2%
Slightly Moist	2 % - 5%
Moist	5 % - 8%
Very Moist	8 % - 10%
Wet (SR)	≥ 10%

The above listed moistures are based on the maximum density and optimum moisture tests performed by CEW (1992)

According to the SR and the estimated moisture content of the soil, the moisture of the soil containing the greatest concentrations of PCE detected in the soil does not currently exceed the SR for the soil.

The most elevated concentrations of PCE were detected in the soil samples collected at a depth of 5 feet during the tank pull 1,600 mg/kg. The concentrations of PCE detected at a depth of five feet during the subsequent soil investigation were 44 mg/kg, which was significantly reduced from the 1,600 mg/kg previously encountered. Soil samples collected from a depth of 10 and 15 feet in the subsequent soil investigation (soil borings) were found to contain 260 mg/kg (10 foot depth) and 330 mg/kg (15 foot depth). The concentrations of PCE were found to decrease with depth below a depth of 15 feet in borehole B76A-46. PCE was not detected in the soil samples collected from a depth of 30 or 35 feet

3.30 Risk Assessment and Soil Characterization

A very extensive risk assessment was performed on the Lockheed B-1 site which is located approximately 0.75 miles east of the site at 1705 Victory Place, Burbank California. The risk assessment was performed by ICF Kaiser Engineers to provide Lockheed with a scientific evaluation of the anticipated health and environmental concerns for PCE in the shallow soil.

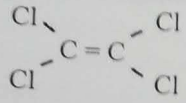
The risk assessment generally follows standard and customary practices as specified in the California Environmental Protection Agency (Cal EPA 1992a, 1993a) and the United States Environmental protection Agency (USEPA 1989a, 1991a and 1992b) guidelines for the performance of risk assessments (ICF Kaiser, 1994). The overall approach of the risk assessment was in accordance with the Reasonable Maximum Exposure (RME) approach as defined by the USEPA in 1989(a).

ICF Kaiser developed Health-Based Clean-up Goals (HBCG) for PCE in the vadose zone soil to protect groundwater. The goals were developed to ensure that the concentrations would not exceed the Cal EPA and USEPA Maximum Contaminant Levels (MCL). ICF Kaiser estimated the HBCG for PCE in soil to be 20 milligrams per kilogram for the shallow soil.

Although the HBCG prepared for the nearby Lockheed B-1 site allows for 20 mg/kg of PCE to remain in the soil, LESAT has agreed to remove the soil in the former Building 76A area containing PCE in excess of 0.150 mg/kg from the shallow vadose zone soil. The removal of the shallow affected soil will ensure worker safety when the site is re-developed. In general, most trenches which may be constructed at the site in the future, are not anticipated to extend below a depth of 20 feet. Lockheed proposes to remediate the soil containing concentrations of PCE in excess of 0.150 mg/kg to a depth of 30 feet.

3.40 PCE Characteristics

Tetrachloroethene (PCE) is a chlorinated molecule composed of two carbon atoms and four chlorine atoms. The molecule is volatile as evidenced by the relatively high vapor pressure exerted by the compound under atmospheric conditions. A summary of PCE characteristics are presented below:



Common Names:
Tetrachloroethene, Tetrachloroethylene, PCE
Perchloroethylene, Perc, Perclene

- Relatively non-flammable
- Volatile; vapor pressure = 14 millimeters of mercury (mm) at 20° C (benzene = 75 mm)
- Solubility in water = 0.04 parts per 100 parts of solvent (benzene = 0.172 parts per 100)
- Density greater than water (1.6230)
- Molecular weight: 165.83 g/gmole

PCE is a refined hydrocarbon and is generally 99.9% pure when purchased. The PCE molecule will break down or degrade into Trichloroethene (TCE) which can then break down into 1,2 Dichloroethene (1,2 DCE). The ratio of PCE to TCE and subsequent breakdown products can be used to estimate the relative age or degradation of the original product. A summary of the PCE/TCE ratio found in the soil samples collected from boring B-76A-46 is presented in Table 6 below:

Table 6
TCE to PCE Ratio
in Soil Samples Recovered from Boring B76A-46
Plant A1 South, Building 76A

Depth (ft)	PCE (mg/kg)	TCE (mg/kg)	Ratio
5	44.	ND	0%
10	260.	9.3	3.6%
15	330.	5.5	1.7%
20	160.	2.8	1.8%
25	73.	ND	0%
30	ND	ND	0%

The breakdown of PCE to TCE under anaerobic conditions has an estimated half life of approximately one half year to four and one half years. 1, 2 DCE, the breakdown product of TCE was not detected in the B76A - 46 samples. According to the ratio percentages calculated above, the PCE present at the site has not experienced significant natural degradation.

3.50 Summary of Previous Environmental Investigations

Six environmental investigations have been performed at the Lockheed Plant A1 South facility. Five of the investigations have included the installation of soil borings or soil vapor probes in the building 76A area. Table 7 below presents a summary of the borings, soil-gas probes and the samples collected during the investigations and Figure 5 presents the locations of the soil borings and probes.

Table 7

Plant A1 South, Building 76A
Summary of Previous Environmental Investigations
and Laboratory Analysis Results for Soil Samples
Containing Concentrations of PCE Greater than 1.0 mg/kg and
Collected from a Depth of Greater Than 5 Feet

Investigation	Borings Installed	Probes Installed	Samples Collected	No. of Soil Samples with Greater than 1.0 mg/kg
Gregg (1985-86)	14	0	19	0
ENSR (1988-89)	14	0	27	3
CEW (1992)	17	0	5	1
McLaren (1992)	0	0	0	0
ASL (1992)	58	0	208	7
ASL (1993)	0	109	109	1
TOTAL	**103**	**109**	**365**	12

The soil samples listed below were found to contain concentrations of PCE in excess of 0.5 mg/kg or 0.5 mg/l-air.

- ENSR Affected Boring Numbers and Depth of Sample: EA1-4N, 3 foot; EA1-5N, 2.5 foot and EA1-6N, 4 foot.
- CEW Affected Boring Numbers and Depth of Sample: PL-3, 6 foot.
- ASL (1992) Affected Boring Numbers and Depth of Sample: B76A-17, 5 foot (affected) Non Detected (ND) at 10 foot; B76A-34, 10 foot (affected), ND at 15 foot; B76A-46, 5 foot (affected), 10 foot (affected), 15 foot (affected), 20 foot (affected) and 25 foot (affected), ND at 30 foot.
- ASL (1993) Affected Probe Number and Depth of Sample: 114, 5 foot.

Only 12 of the 365 soil samples which were submitted to the laboratory were found to contain concentrations of PCE in excess of 1.0 mg/kg. The measurements which exceeded 1.0 mg/kg or mg/l-air were found in seven of the soil borings (or sample locations).

3.60 Proposed Excavation Limits

Tetrachloroethene (PCE) is present in the soil beneath the former dispenser (boring B76A-46) to a depth of approximately 27 feet. The soil samples recovered from depths of 30 and 35 feet were not found to contain detectable concentrations of PCE. LESAT will excavate the soil beneath the former dispenser to a maximum depth of 30 feet and remove the soil containing PCE in excess of 0.150 mg/kg. This remediation program will insure that the low concentrations of PCE that remains in place is well below saturation and continued migration is highly unlikely. The groundwater beneath the site is reported to be first encountered at a depth of approximately 180 feet, well below any remaining concentrations of PCE.

Table 8 below, presents a comparison of the estimated volume of affected soil in the former Building 76A area.

Table 8
Comparison of the
Estimated Volume of Affected Soil
Former Dispenser Area
Plant A1 South, Building 76A

Hgt. (feet)	Radius (feet)	Volume (yards*)	Tons	Conc. Range (mg/kg**)	PCE (pounds)	PCE (gallons)	Est. Percent of Total Effort
6'	3'	7.30^3	10	300 - 350	6.90	0.51	0.4%
12'	6'	43^3	65	200 - 300	29.0	2.14	2.8%
18'	7'	52.4^3	80	100 - 200	21.21	1.57	5.7%
28'	10'	223^3	335	10 - 100	30.12	2.22	18.2%
28'	20'	977^3	1465	1 - 10	13.20	0.97	72.9%
TOTAL		**1302.7^3**	**1955**		**100.43**	**7.41**	**100.0%**

* The volume of soil calculation depicted above is calculated by using the formula $\pi r^2 h$ (see Table 5)
** Concentration Range is reported in milligrams per kilogram
One gallon of PCE weighs 13.54 pounds.

The total width necessary for the removal of the soil to a depth of 30 feet may be approximately 80 feet by 80 feet. The excavations will be designed by a soil engineer to provide safe working conditions. The soil engineer will evaluate the nearby streets and insure that the excavation process will not affect Vanowen Street or Hollywood Way.

4.0 SCOPE OF WORK

The proposed soil remediation will consist of excavating the affected soil and transporting the soil to an appropriate disposal site. A report documenting the results of the soil remediation will be prepared and submitted to the Los Angeles Region of the CRWQCB. The following tasks will be performed for this soil remediation:

4.10 Task 1 **Preparation of a Site Safety and Health Plan**
4.20 Task 2 **Completion of Underground Obstruction Clearance**
4.30 Task 3 **Performance of Soil Characterization Field Study**
4.40 Task 4 **Construction of the Excavations for Soil Removal**
4.50 Task 5 **Collection of Verification Soil Samples**
4.60 Task 6 **Completion of Laboratory Analysis of Soil Samples**
4.70 Task 7 **Backfilling and Compaction of Excavations**
4.80 Task 8 **Handling and Disposal of Excavated Soil**
4.90 Task 9 **Preparation of a Report Documenting the Soil Remediation**

4.10 *Task 1* Preparation of a Site Safety and Health Plan

LESAT safety and health professionals will prepared a site specific Safety and Health Plan for use during the site investigation. The Safety and Health Plan will be prepared in accordance with 29 Code of Federal Regulations (CFR) 1910.120. A copy of the Safety and Health Plan for the Plant A1 South Soil Remediation will be forwarded to the CRWQCB approximately one week prior to initiation of the field activities. The plan will provide safety guidelines for personnel involved in performing the excavation of affected soil, verification sampling, backfilling and compaction of the excavations.

4.20 *Task 2* Completion of Underground Obstruction Clearance

The suspected location of underground obstructions will be estimated, based on existing utility maps and information from previous studies. Actual or suspected utility locations will be marked for reference purposes. In addition, "Dig Alert" of southern California (telephone 800-422-4133) will be contacted prior to intrusive field investigations for assistance in locating known underground utility structures (e.g., gas, sewer, telephone, electrical, and water lines).

A Geophysical survey was completed during the site demolition (CEW, 1992). The site geophysical survey will be reviewed before intrusive field work begins.

4.30 Task 3A Performance of Soil Characterization Field Study

The previous site investigation and characterization performed by ASL (1992) detected the presence of elevated concentrations of PCE in the vicinity of the former southwestern dispenser (Soil borings B76A-46: 5 foot-44 mg/K-PCE, 10 foot-260 mg/K-PCE, 15 foot-330 mg/K-PCE, 20 foot-160 mg/K-PCE and 25 foot-73 mg/K-PCE).

LESAT proposes to install a total of four additional soil borings. The first soil boring (B76A-59) will be installed to a depth of 60 feet and will be located adjacent to Boring 76A-48 to further characterize the soil column. Soil samples will be collected beneath the known PCE affected soil and analyzed for the presence of PCE. The second soil boring (B76A-60) will be installed to a depth of 60 feet and will be located between the boring B76A-46 area and soil-gas probe number 127 to evaluate the soil condition south of the dispenser area. The third soil boring (B76A-61) will be installed to a depth of 30 feet and will be located in the B76A-34 area to confirm the PCE concentrations of 2.5 mg/kg PCE at a depth of ten feet and non-detect at a depth of 15 feet. The fourth soil boring will extend to a depth of 60 feet and will be installed adjacent to soil boring B76A-46. The purpose of the fourth soil boring will be to evaluate the condition of the soil beneath the dispenser. Figure 7 and 8 present the locations of the proposed soil borings.

Soil samples will be collected from the soil borings at five foot intervals, beginning at a depth of five feet BGS. The soil samples will be collected in accordance with the Drilling Soil Sampling and Sample Handling Guidelines presented in Appendix C.

Selected soil samples collected from the borings will be submitted to a analytical laboratory certified by the State of California. The soil sample analyses selected, will be based on field observations. The soil samples selected for analysis will be analyzed by some or all of the following analysis methods. Table 9 below presents the anticipated soil boring sample Schedule:

Table 9
Anticipated Soil Boring Sample Schedule
Building 76A, Former Dispenser Area

Boring	Depth (ft)	Analyses	Location
B76A-59	10', 20', 30',	1, 2, 4	B76A-48 & SG-114
	40', 50', 60'	1, 2, 4	
B76A-60	10', 20', 30',	1, 2	SG-127
	40', 45', 50', 60'	1, 2	
B76A-61	5', 10', 15'	1, 2, 3, 4, 5	B76A-34
	20', 25'	Hold	
B76A-62	10', 20', 30',	1, 2	B76A-46 & SG-105
	40', 50', 60'	1, 2	

SG Location — Indicates Soil-gas sample location. Soil-gas samples 1 through 158 were collected prior to December 1994. Refers to previous soil-gas or soil boring locations, Soil boring number 1 through 58 were completed prior to December 1994.

1. USEPA Method 8010 for the presence of VOC's,
2. USEPA Method 8015 Modified for Diesel, for TPH in the diesel fuel range,
3. USEPA Method 418.1 for the presence of TRPH,
4. USEPA Methods 7421 for organic lead,
5. USEPA Method 1311 extraction method for the Toxicity Characteristic Leaching Potential (TCLP) VOC analysis.

The soil samples will be accompanied by a chain-of-custody document from the time of sampling until the samples are received at the laboratory. The chain-of-custody document will list the personnel who handled the samples and will indicate the sample condition upon arrival at the laboratory.

The additional soil borings will be installed approximately 15 days prior to the initiation of the excavation of soil at the site. The results of the study will be included in the site remediation report which will be prepared following completion of the soil excavation, remediation and receipt of the supporting documents (see *Task 9* below).

The upper 25 feet of the soil borings will remain un-filled after completion of the soil sampling

and will be used as reference points during the soil excavation procedures. A temporary bentonite seal will be placed around the top of the boring and weighted plywood will be placed over the bentonite seal (to await excavation).

Soil cuttings generated during the soil characterization will be stockpiled on 10 mil visqueen type material and covered to await disposal. The soil cuttings will be disposed of with the soil removed during the soil remediation. Wash water and equipment rinsate generated during the soil characterization will be placed into DOT 1A1, (or equivalent) 55 gallon drums for temporary storage. The liquid will be sent to an appropriate recycling/disposal facility following receipt of the laboratory analysis results.

Task 3B Soil-Gas Survey

At the direction of the CRWQCB, additional soil-gas survey points will be added to the sampling protocal. A total of seven soil-gas probes (SG-159, SG-160, SG-161, SG-162, SG-163, SG-164 and SG-165) will be installed at the site. Four of the probes (SG-162, SG-163, SG-164 and SG-165) will be installed adjacent to and around soil boring B76A-46. The probes will be advanced to a depth of 30 feet before a soil-gas sample will be obtained. Soil-gas samples will be collected at depths of 30 feet, 35 feet 40 feet and 45 feet. If the concentrations of PCE detected in the soil-gas samples exceeds 100 μg/kg, and if geologic conditions permit, the soil-gas probe will be extended to a depth of 50 feet and possibly 55 feet (depending upon site conditions and equipment capabilities.)

The remaining three soil-gas probes (SG-159, SG-160 and SG-162) will be located inside of or as close as possible to the soil borings discussed in section 4.30 (***Task 3A***) above (B76A-59, B76A-60 and B76A-61). Soil-gas samples will be obtained from a depth of 30 feet, 35 feet, 40 feet and 45 feet in SG-159 and SG-160 and from depths of 5 feet, 10 feet, 15 feet and 20 feet. If the concentration of PCE detected in the soil-gas samples exceeds 100 μg/kg, and if geologic conditions permit, the soil-gas probe will be extended to a depth of 50 feet and possibly 55 feet (depending upon site conditions and equipment capabilities).

The additional soil-gas probes will be installed approximately 15 days prior to the initiation of the excavation of soil at the site. The results of the study will be included in the site remediation report which will be prepared following completion of the soil excavation, remediation and receipt of the supporting documents (see *Task 9* below).

Table 10 below presents a summary of the anticipated soil-gas sample locations. Soil-gas samples will be collected at the designated depth and sample locations.

Table 10
Anticipated Soil-gas Sample Schedule
Building 76A, Former Dispenser Area

Probe	S ample Depth(ft)	Location	Proposed Companion Soil Boring
SG-159	10', 15', 20', 25' 30', 35', 40', 45'	B76A-48	B76A-59
SG-160	10', 15', 20', 25'	SG-127	B76A-60
SG-161	10', 15', 20', 25' 30', 35', 40', 45'	B76A-34	B76A-61
SG-162	30', 35', 40', 45'	B76A-46	None
SG-163	30', 35', 40', 45'	B76A-46	None
SG-164	30', 35', 40', 45'	B76A-46	None
SG-165	30', 35', 40', 45'	B76A-46	B76A-62

SG — Indicates Soil-gas sample location. Soil-gas samples will be analyzed by United States Environmental Protection Agency (USEPA) Method 8010. Soil-gas samples 1 through 158 were collected prior to December 1994.

Location — Refers to previous soil-gas or soil boring locations, Soil boring number 1 through 58 were completed prior to December 1994.

The soil-gas samples will be collected according to the CRWQCB WIP guidelines. A description of the WIP guidelines is presented in the ASL Soil-Gas Sampling workplan and report (see References). Soil-gas probe locations are presented on Figure 7 and 8.

4.40 *Task 4* Construction of the Excavations for Soil Removal

A total of one to two excavations are planned for the areas outlined in section 3.0 above. The excavation will extend to a depth of 27 feet (see Figure 5). The actual width and depth of the excavations will vary according to field conditions. The excavations will be constructed to provide safe working conditions for the removal of an estimated 2,200 tons of affected soil. Approximately 2,000 tons of soil is anticipated to contain PCE, TCE, and TPH-diesel. Table 11 below presents a Summary of the Proposed Excavation Statistics for the Building 76A area soil remediation.

Table 11
Summary of Proposed Excavation Statistics

SOIL CONTAINING PCE OR TRPH

Excavations	Number	Depth	Diameter	Est. Tons	Proposed Samples
One excavation*	1	0' - 28'	40'	1995	45
One excavation**	2	0' - 7'	20'	125	10
One Excavation	3	5' - 12'	20'	125	10
			TOTAL	2,205	65

Est. Indicates Estimated.
PCE indicates tetrachloroethene (PCE) by USEPA Test Method 8010, 8240 or 8260.
Area marked with"*" also contains Total Petroleum Hydrocarbons-diesel by United States Environmental Protection Agency (USEPA) Test Method 8015 Modified. Area marked with "**" contains Total Recoverable Petroleum Hydrocarbons (TRPH) according to USEPA Test Method 418.1. (65 excavation sidewall and bottom soil samples plus 10 verification stockpiled soil samples. Approximately y twenty of the excavation number one soil samples will also be analyzed for the presence of TPH diesel by USEPA Method 8015 Modified.)

Overburden soil will be excavated and stockpiled away from the excavation until the upper limits of the affected soil is encountered. Soil removed from the excavation will be placed into temporary staging areas located near the excavation or it will be loaded directly into awaiting trucks. The temporary staging areas for the soil suspected of being affected by hydrocarbons will be constructed of visqueen and covered with a thin layer of soil to allow equipment access without damaging the visqueen. A minimum of three layers of 10 mil plastic will be paced over the staging area. The perimeter of the staging area will be bermed to reduce the possibility of overflow.

The soil will be separated in the field as it is removed from the excavation according to the field Photoionization Detector (PID) measurements. The PID will be calibrated daily to 50 parts per million (PPM, in air) hexane gas or an equivalent. Overburden soil or soil found to contain very low concentrations of volatile organics will be separated for re-use and the soil found to contain elevated concentrations of volatile organics will be staged for additional testing or removal.

Concentrations of organic vapors emitted by the soil excavated from excavation number one and two may exceed background concentrations, therefore LESAT or an agent for LESAT will apply for a South Coast Air Quality Management District (SCAQMD) rule 1166 excavation permit. The vapor concentrations will be measured at a distance of approximately three inches above the stockpiled soil at 15 minute intervals during the excavation process to insure compliance with the SCAQMD rule 1166. The measurement readings will be recorded onto a rule 1166 compliance log. If the vapors are found to exceed 50 PPM in air, the excavated soil will be loaded directly into an awaiting truck and covered, or the soil will be stockpiled and covered. Appropriate notification of the SCAQMD will be made if warranted.

4.50 *Task 5* Collection of Verification Soil Samples

A total of approximately 65 verification soil samples will be collected from the excavation sidewalls and bottoms to confirm the condition of the soil remaining in place. The soil samples will be submitted to an on-site mobile laboratory for analysis. Details of the analyses to be performed are presented under *Task 6* below.

Soil samples will be collected from the sidewalls of shallow excavations (less than 5 feet deep) by driving a hand sampling tool (ring sampler) into the desired sampling location and retrieving the sample. Details of the soil sampling and sample handling guidelines are presented in Appendix C and general sampling safety guidelines will be presented in the site safety and health plan. Soil samples collected from the base of excavations or from deeper excavations will be sampled by lowering the excavator bucket into the excavation and recovering a bucket full of soil. Care will be taken to recover samples from the least disturbed portion of the excavation and the excavator bucket. The soil sample will be recovered from the excavator bucket according to the soil sampling and sample handling guidelines (Appendix C).

Table 12 presents a summary of the proposed verification soil sample collection locations.

Table 12
Summary of Proposed
Verification Soil Sample Collection Locations

Excav. No.	Depth	Samples	Locations	Analyses
1	15'	30	Sidewall	1,2
	15'	10	Affected Soil	1,2,4
	25'	5	Base	1,2
2	5'	7	Sidewall	1,3
	7'	3	Base	1,3
3	9'	7	Sidewall	1,3
	12'	3	Base	1,3

Testing Methods:
1. United States Environmental Protection Agency (USEPA) Method 8010 for the presence of Volatile Organic Constituents (VOC's).
2. USEPA Method 8015 Modified for Diesel, for the presence of Total Petroleum Hydrocarbons (TPH) in the diesel fuel range and
3. USEPA Method 418.1 for the presence of Total Recoverable Petroleum Hydrocarbons (TRPH).
4. USEPA Methods 7421 for the presence of Organic Lead.
5. USEPA Extraction Method 1311 for Toxicity Characteristic Leaching Potential (TCLP) and VOC analysis.

For excavation location and number refer to Figure 7

4.60 *Task 6* Completion of Laboratory Analysis of Soil Samples

The soil samples collected during the field investigation will be submitted to an on-site mobile laboratory for analysis. The analytical laboratory will be certified by the State of California to perform the required analyses. The soil samples will be accompanied by a chain-of-custody document from the time of sampling until the samples are received at the laboratory. The chain-of-custody document will list the personnel who handled the samples and will indicate the sample condition upon arrival at the laboratory. A typical chain-of-custody document is included in Appendix D.

As previously described in Task 5 and Table 12, selected soil samples will be analyzed by the following methods:

- United States Environmental Protection Agency (USEPA) Method 8010, for the presence of VOC's,
- USEPA Method 8015 Modified for Diesel, for TPH in the diesel fuel range,
- USEPA Method 418.1 for the presence of TRPH,
- USEPA Methods 7421 for organic lead,
- USEPA Extraction Method 1311 for the Toxicity Characteristic Leaching Potential (TCLP) VOC analysis.

4.70 *Task 7* Backfilling and Compaction of Excavations

Lockheed will collect soil samples and have laboratory analysis performed on samples of the soil proposed for importation and use as soil backfill for the excavations. The soil samples will be analyzed for the presence of organic and inorganic constituents as well as for engineering properties. Once approved, the soil will be placed into the excavation in thin uniform lifts and compacted to at least 90 percent relative compaction, and to the original surface configuration. The excavation backfilling and compaction process will be observed and tested by a geotechnical contractor who will prepare a soil compaction report certifying the soil backfill. The report will be signed by a California registered geologist or engineer.

4.80 *Task 8* Handling and Disposal of Excavated Soil

The soil will be characterized transported to an appropriately permitted facility, daily. The destination for the affected soil will be determined during the contracting process and during the actual site remediation. An estimated 75 to 85 percent of the soil is anticipated to contain low concentrations of PCE, TCE and diesel fuel hydrocarbons. Soil recycling treatment options will be given priority for soil containing acceptable concentrations of hydrocarbons.

4.90 *Task 9* Preparation of a Report Documenting the Soil Remediation

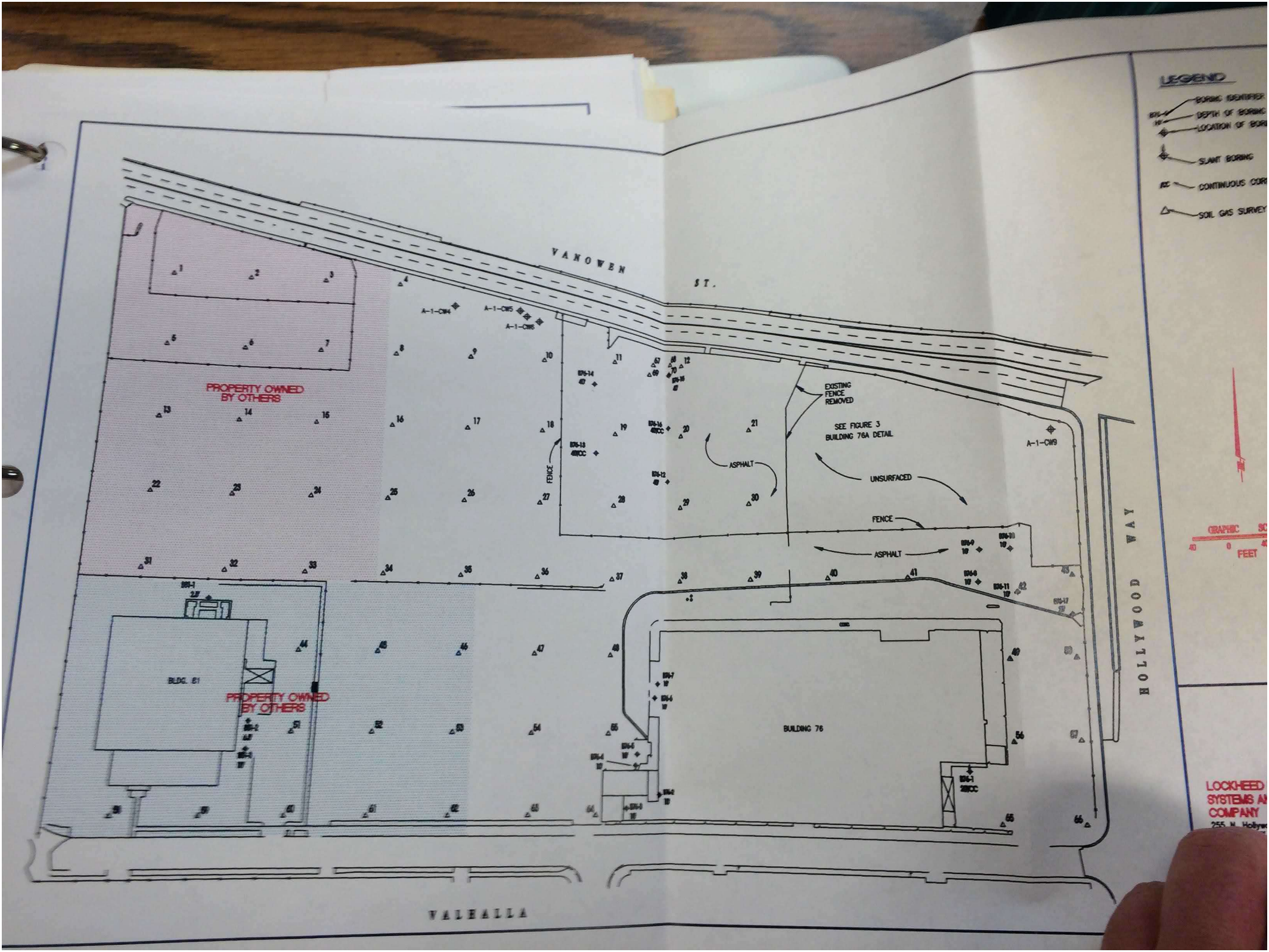
Following completion of the above listed tasks and receipt of the laboratory analysis results, LESAT will prepare a report summarizing the activities performed at the site and documenting soil excavation and disposal activities. The report will include the locations where verification soil samples were collected, the laboratory analysis results of the samples and copies of the documentation of the soil disposal. Copies of the laboratory analysis results and the chain-of-custody documents will be included within the report. The report will be signed by a California Registered Environmental Assessor and will be reviewed by a California Registered Geologist and will then be provided to the agency for review.

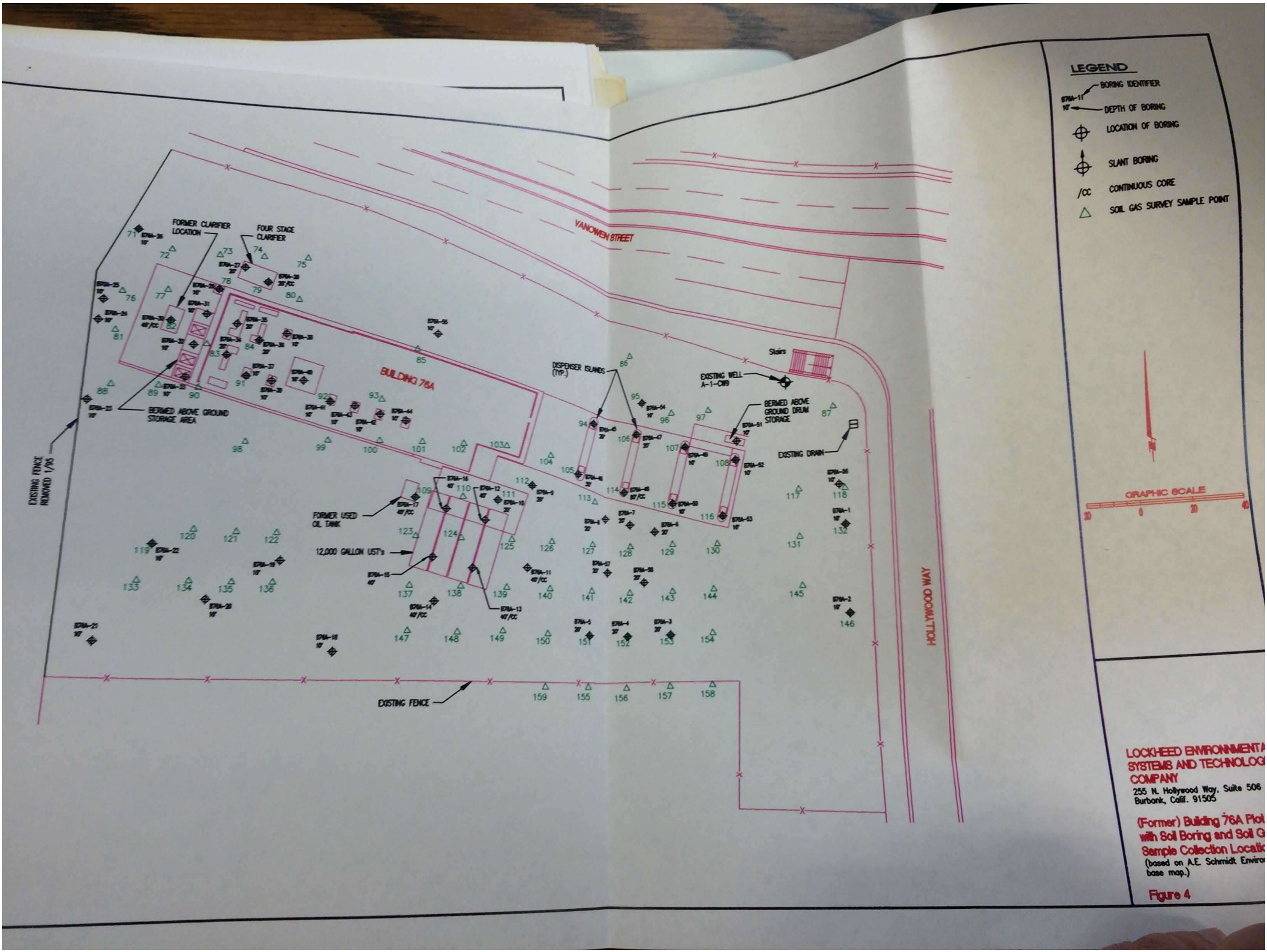
5.0 PROJECT SCHEDULE

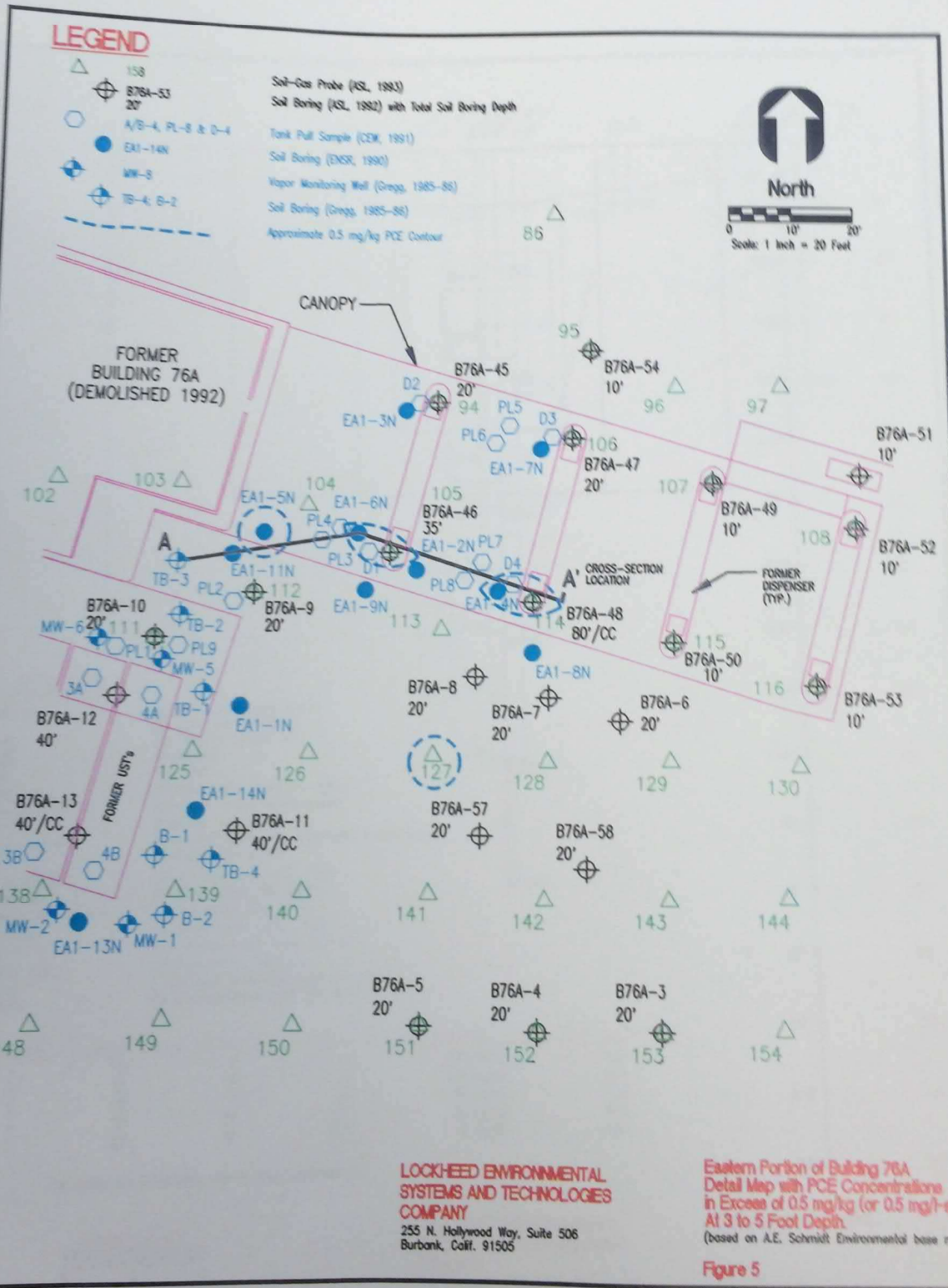
We are prepared to begin the work outlined in this proposal immediately upon receipt of written approval by the CRWQCB. The work will be performed in a professional manner commonly practiced in the industry and in accordance with known existing regulations. We estimate that the above described Scope of Work will be completed within 120 days of approval to proceed. If there are additional concerns or requests, please contact Mr. John Johnsen, Lockheed Environmental Systems and Technologies Company at (818) 847-0501.

John Johnsen
Regulatory Compliance Specialist

Scott Warren
Project Coordinator


LEGEND
BORING IDENTIFIER
DEPTH OF BORING
LOCATION OF BORING
SLANT BORING
CONTINUOUS CORE
SOIL GAS SURVEY
VANOWEN ST.
VALHALLA
HOLLYWOOD WAY
PROPERTY OWNED BY OTHERS
PROPERTY OWNED BY OTHERS
EXISTING FENCE REMOVED
SEE FIGURE 3 BUILDING 76A DETAIL
ASPHALT
UNSURFACED
FENCE
FENCE
ASPHALT
BLDG. 81
BUILDING 76
A-1-CW4
A-1-CW5
A-1-CW6
A-1-CW9
GRAPHIC SC
FEET
LOCKHEED
SYSTEMS A
COMPANY


LEGEND
BORING IDENTIFIER
DEPTH OF BORING
LOCATION OF BORING
SLANT BORING
/CC CONTINUOUS CORE
SOIL GAS SURVEY SAMPLE POINT
GRAPHIC SCALE
20 0 20 40
VANOWEN STREET
HOLLYWOOD WAY
BUILDING 76A
FORMER CLARIFIER LOCATION
FOUR STAGE CLARIFIER
BERMED ABOVE GROUND STORAGE AREA
DISPENSER ISLANDS (TYP.)
EXISTING WELL A-1-CW9
Stairs
BERMED ABOVE GROUND DRUM STORAGE
EXISTING DRAIN
FORMER USED OIL TANK
12,000 GALLON UST's
EXISTING FENCE
EXISTING FENCE REMOVED 1/96
LOCKHEED ENVIRONMENTA
SYSTEMS AND TECHNOLOG
COMPANY
255 N. Hollywood Way, Suite 506
Burbank, Calif. 91505
(Former) Building 76A Plot
with Soil Boring and Soil G
Sample Collection Locatio
(based on A.E. Schmidt Enviro
base map.)
Figure 4

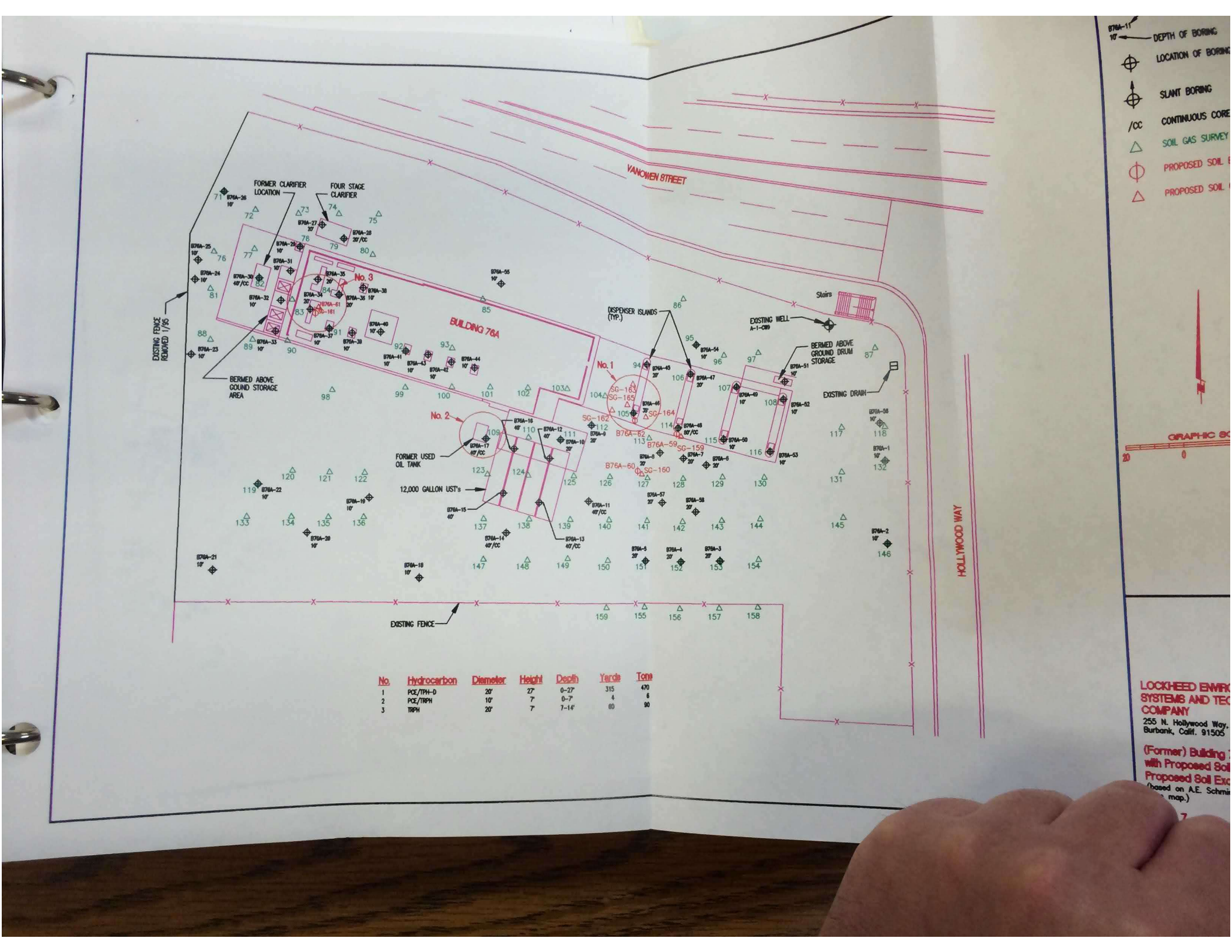


LOCKHEED ENVIRONMENTAL SYSTEMS AND TECHNOLOGIES COMPANY
255 N. Hollywood Way, Suite 506
Burbank, Calif. 91505

Eastern Portion of Building 76A
Detail Map with PCE Concentrations
in Excess of 0.5 mg/kg (or 0.5 mg/l-air)
At 3 to 5 Foot Depth
(based on A.E. Schmidt Environmental base map)

Figure 5

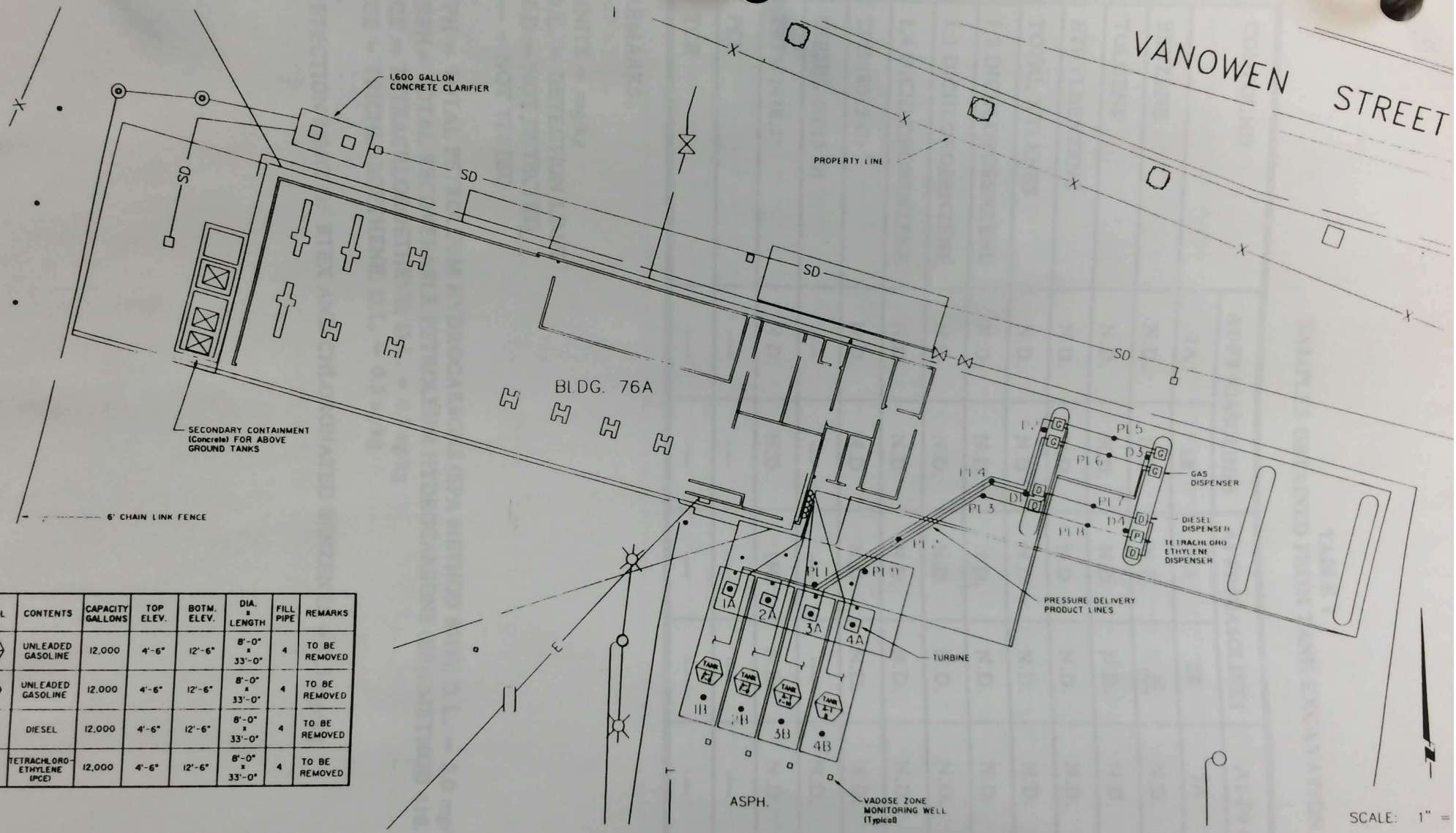
APPENDIX A
APPENDIX B PART 1
PART 2
PART 3
PART 4



No.	Hydrocarbon	Diameter	Height	Depth	Yards	Tons
1	PCE/TPH-D	20'	27'	0-27'	315	470
2	PCE/TPH	10'	7'	0-7'	4	6
3	TRPH	20'	7'	7-14'	60	90

Part 3

Underground Storage Tank Removal
Soil Sample Analysis Results
(CEW)



SYMBOL	CONTENTS	CAPACITY GALLONS	TOP ELEV.	BOTM. ELEV.	DIA. x LENGTH	FILL PIPE	REMARKS
TANK 1-A	UNLEADED GASOLINE	12,000	4'-6"	12'-6"	8'-0" x 33'-0"	4	TO BE REMOVED
TANK 2-A	UNLEADED GASOLINE	12,000	4'-6"	12'-6"	8'-0" x 33'-0"	4	TO BE REMOVED
TANK 3-A	DIESEL	12,000	4'-6"	12'-6"	8'-0" x 33'-0"	4	TO BE REMOVED
TANK 4-A	TETRACHLORO-ETHYLENE (PCE)	12,000	4'-6"	12'-6"	8'-0" x 33'-0"	4	TO BE REMOVED

CEW PROJECT NO. 91-41-626-05

ASL Consultants, Inc.
- ARCADIA (818)447-4404
- IRVINE (714)727-7088
- PALM SPRINGS (619)320-6238
- RANCHO CUCAMONGA (714)989-8883
- CAMARILLO (805)388-2344
- SAN DIEGO (619)873-5505

DESIGNED BY ____ CHECKED BY ____ DRAWN BY ____ DATE ____ SCALE AS NOTED JOB NO. 1920.005.1

CONVERSE ENVIRONMENTAL WEST

Lockheed Engineering & Sciences Company

LOCKHEED PLANT A-1 SOUTH
2311 North Hollywood Way
Burbank, California
Building 76A

Figure

TABLE 1
SAMPLES OBTAINED FROM TANK EXCAVATION

COMPOUND	A1-F8 (GASOLINE)		A1-F9 (GASOLINE)		A1-F9 (DIESEL)		A1-F10 (PCE)	
	1A	1B	2A	2B	3A	3B	4A	4B
BENZENE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	----.	----
TOLUENE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	----	----
ETHYLBENZENE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	----	----
TOTAL XYLENES	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	----	----
1,2 DICHLOROBENZENE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3 DICHLOROBENZENE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,4 DICHLOROBENZENE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
TPH (8015 G)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	----	----
DIESEL (8015 D)	----	----	----	----	N.D.	N.D.	----	----
TRPH (418.1)	N.D.	N.D.	150	N.D.	N.D.	N.D.	----	----
PCE	----	----	----	----	----	----	0.020	N.D.
TCE	----	----	----	----	----	----	0.0007	0.0012

EMARKS:

NITS = mg/kg
L. = DETECTION LIMIT
D. = NOT DETECTED
- = NOT TESTED

PH = TOTAL PETROLEUM HYDROCARBONS (EPA METHOD 8015); D.L. = 5.0 mg/kg
RPH= TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA METHOD 418.1); D.L. = 10.0 mg/kg
CE = TETRACHLOROETHENE; D.L. = 0.5 ug/kg
CE = TRICHLOROETHENE; D.L. = 0.5 ug/kg

ETECTION LIMIT OF BTEX AND CHLORONATED BENZENES = 0.5 mg/kg

TABLE 2
SAMPLES OBTAINED FROM BELOW PRODUCT PIPING

COMPOUND	PL1	PL2	PL3	PL4	PL5	PL6	PL7	PL8	PL9
BENZENE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
TOLUENE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
ETHYLBENZENE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
TOTAL XYLENES	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2 DICHLOROBENZENE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3 DICHLOROBENZENE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,4 DICHLOROBENZENE	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
TPH (8015 G)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	----	----	N.D.
DIESEL (8015 D)	N.D.	N.D.	N.D.	41	----	----	13	N.D.	N.D.
TRPH (418.1)	N.D.	N.D.	N.D.	400	96	N.D.	450	N.D.	N.D.
PCE	----	----	3.3	----	----	----	----	0.027	0.190
TCE	----	----	N.D.	----	----	----	----	0.0007	0.0024

REMARKS:

UNITS = mg/kg
D.L. = DETECTION LIMIT
N.D. = NOT DETECTED
---- = NOT TESTED

TPH = TOTAL PETROLEUM HYDROCARBONS (EPA METHOD 8015); D.L. = 5.0 mg/kg
TRPH= TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA METHOD 418.1); D.L. = 10.0 mg/kg
PCE = TETRACHLOROETHENE; D.L. = 0.5 ug/kg
TCE = TRICHLOROETHENE; D.L. = 0.5 ug/kg

DETECTION LIMIT OF BTEX AND CHLORONATED BENZENES = 0.5 mg/kg

TABLE 3
SAMPLES OBTAINED FROM BELOW DISPENSERS

COMPOUND	D1 (DIESEL)	D2 (GASOLINE)	D3 (GASOLINE)	D4 (DIESEL/PCE)
BENZENE	N.D.	N.D.	N.D.	N.D.
TOLUENE	N.D.	N.D.	N.D.	N.D.
TOTAL XYLENES	1.6	N.D.	N.D.	N.D.
1,2 DICHLOROBENZENE	N.D.	N.D.	N.D.	N.D.
1,3 DICHLOROBENZENE	N.D.	N.D.	N.D.	N.D.
1,4 DICHLOROBENZENE	N.D.	N.D.	N.D.	N.D.
TPH (8015 G)	N.D.	N.D.	N.D.	N.D.
DIESEL (8015 D)	10,000	----	----	----
TRPH (418.1)	11,000	N.D.	N.D.	N.D.
PCE	----	----	----	1,600.0 *
TCE	----	----	----	N.D.

EMARKS:

NITS = mg/kg
.L. = DETECTION LIMIT
.D. = NOT DETECTED
-- = NOT TESTED

PH = TOTAL PETROLEUM HYDROCARBONS (EPA METHOD 8015); D.L. = 5.0 mg/kg
RPH= TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA METHOD 418.1); D.L. = 10.0 mg/kg
CE = TETRACHLOROETHENE; D.L. = 0.5 ug/kg
CE = TRICHLOROETHENE; D.L. = 0.5 ug/kg

ETECTION LIMIT OF BTEX AND CHLORONATED BENZENES = 0.5 mg/kg

L = 2,500 ug/kg

PROJECT SEARCH RESULTS

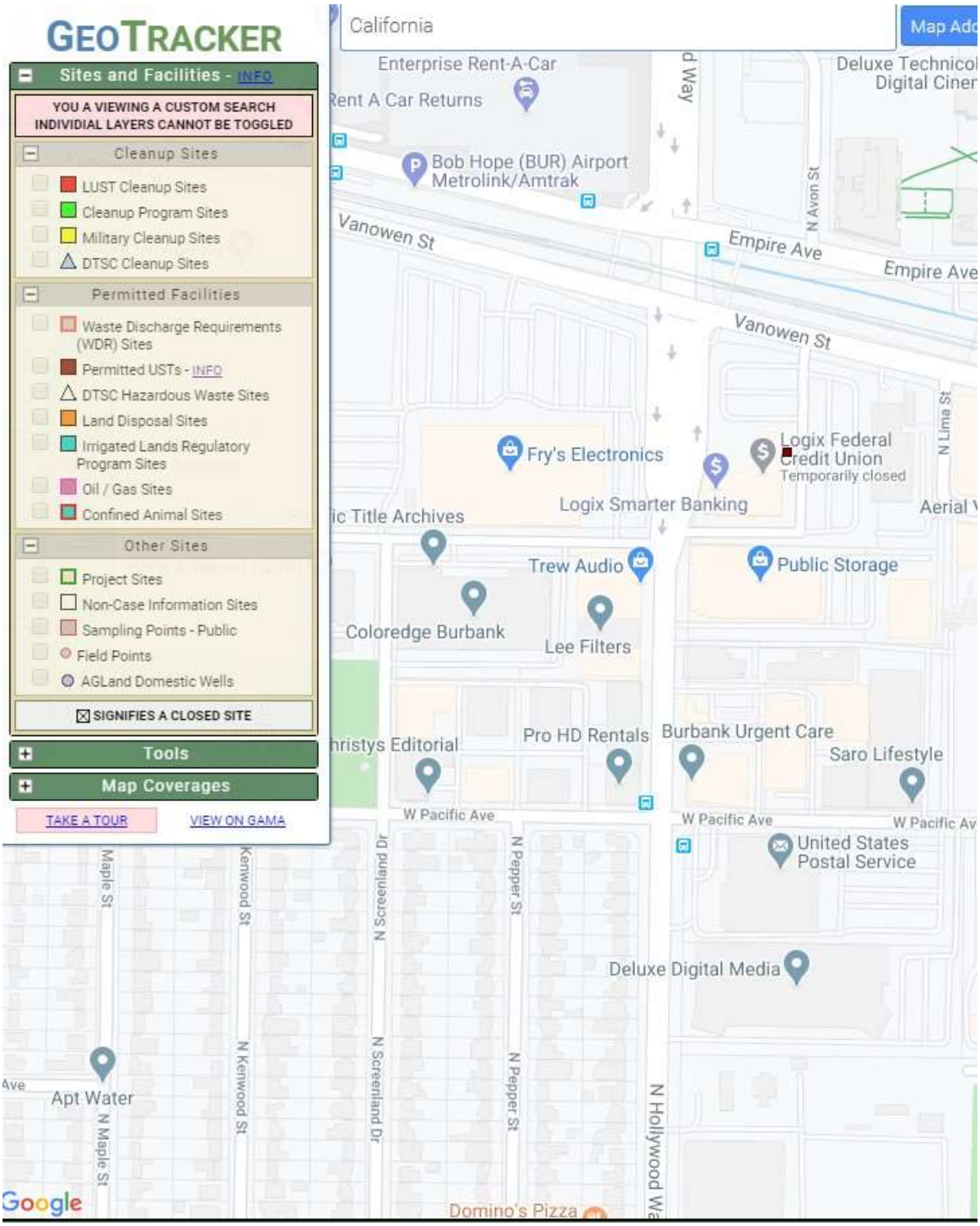
SEARCH CRITERIA: 2311 N HOLLYWOOD WAY, BURBANK, LUFT, SLIC, LANDFILL, DOD, DODPRIV, DODUST, WDR, IRRIGATED_LANDS, SAMPPOINTPUBLIC, UST, NONCLEANUP, PROJECT, CAF, WATERPONDS, INJECTION, GWMPLAN, GWMPEX, OTHEROILGAS

0 RECORDS FOUND | VIEW RESULTS ON MAP | EXPORT TO EXCEL | PAGE 1 OF 1

NO PROJECTS FOUND WITH THOSE SEARCH PARAMETERS.

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LUST Cleanup Sites
Cleanup Program Sites
Military Cleanup Sites
DTSC Cleanup Sites
Permitted Facilities
Waste Discharge Requirements (WDR) Sites
Permitted USTs - INFO
DTSC Hazardous Waste Sites
Land Disposal Sites
Irrigated Lands Regulatory Program Sites
Oil / Gas Sites
Confined Animal Sites
Other Sites
Project Sites
Non-Case Information Sites
Sampling Points - Public
Field Points
AGLand Domestic Wells
SIGNIFIES A CLOSED SITE
Tools
Map Coverages
TAKE A TOUR
VIEW ON GAMA
California
Map Address
Airport
Hollywood Burbank Airport
Economy Lot E
Parking Lot
Starbucks
Panda Expres
Los Angeles Marriott Burbank Airport
Enterprise Rent-A-Car
Dynamic Rentals
Bob Hope Airport
Midnight Oil Agency
Vanowen Pl
Fry's Electronics
Trew Audio
Logix Federal Credit Union
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Pierce Brothers Valhalla Memorial Park and Mortuary
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Burbank Medical Supply
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Cahuenga Blvd
N Clybourn Ave
N Manning St
N Valley St
N Rose St
Evergreen St
N Pass Ave
N Maple St
N Kenwood St
N Screenland Dr
N Pepper St
N Avon St
Willow Crest Ave
Auckland Ave
Cartwright Ave
N Dymond St


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DTSC Hazardous Waste Sites
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Irrigated Lands Regulatory Program Sites
Oil / Gas Sites
Confined Animal Sites
Other Sites
Project Sites
Non-Case Information Sites
Sampling Points - Public
Field Points
AGLand Domestic Wells
SIGNIFIES A CLOSED SITE
Tools
Map Coverages
TAKE A TOUR
VIEW ON GAMA
California
Map Add
Enterprise Rent-A-Car
Rent A Car Returns
Bob Hope (BUR) Airport Metrolink/Amtrak
Vanowen St
Empire Ave
N Avon St
N Lima St
Fry's Electronics
Logix Federal Credit Union
Temporarily closed
Logix Smarter Banking
Trew Audio
Public Storage
Coloredge Burbank
Lee Filters
Pro HD Rentals
Burbank Urgent Care
Saro Lifestyle
W Pacific Ave
United States Postal Service
Deluxe Digital Media
Apt Water
Maple St
Kenwood St
N Screenland Dr
N Pepper St
N Hollywood Way
Google
Domino's Pizza

Cook, Claudia

From: Cook, Claudia
Sent: Monday, April 13, 2020 2:03 PM
To: burbankfpb@burbankca.gov
Subject: Hazardous materials request for 2311 N Hollywood Way

Hi there – I am conducting a Phase I ESA for the above-referenced property and was wondering if there is any hazardous materials info on file for this site such as usage, storage, disposal, underground/aboveground tanks, incidents, releases, responses etc. It was/is occupied by Lockheed, Fry's Electronics and Gort Limited.

Thank you so much for your help,

Claudia M. Cook
Environmental Professional
Project Assessor

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Lockheed Martin Corporation
Corporate Environment, Safety & Health
West Coast Projects Office
2550 North Hollywood Way, 3rd Floor, Burbank, CA 91505-1055
Facsimile 818·847·0256 or 818·847·0170

LOCKHEED MARTIN

January 12, 2001

RECEIVED
2001 JAN 16 A 10: 0

Mr. Dixon Oriola
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

Subject: Transmittal of Chromium Investigation Chemical Storage and Use Questionnaires

Dear Mr. Oriola:

In response to the Los Angeles – California Regional Water Quality Control Board's (LA-CRWQCB) letters dated November 29, 2000, Lockheed Martin Corporation has completed Chemical Storage and Use Questionnaire forms required for nine different properties currently or previously owned by Lockheed Martin Corporation (LMC). Please note, LMC has not conducted operations at these properties for a number of years. The questionnaires were completed based on available historical information in accordance with the due date provided by the LA-CRWQCB. The completed questionnaires are attached for the following properties:

(1) Plant A-1 North located at 2555 N. Hollywood Way, Burbank
(2) Plant A-1 South located at 2311 N. Hollywood Way, Burbank
(3) Plant A-1 East located at 3401 W. Empire Avenue, Burbank
(4) Plant B-1 located at 1705 Victory Place, Burbank
(5) Former Plant B-5 located at 4207 Empire Avenue, Burbank
(6) Plant B-6 West located at 2801 N. Hollywood Way, Burbank
(7) Plant B-6 East – Building 371 located at 2960 N. Hollywood Way, Burbank
(8) Plant C-1 located at 10720 Sherman Way, Burbank
(9) Building 85, Lots 16, and 16A located at 3220 W. Thornton, Burbank

Lockheed Martin is submitting the nine completed questionnaires in advance of the January 15, 2001 due date specified in the LA-CRWQCB's letter dated December 21, 2000.

If you have any questions or require additional information, please feel free to contact me at (818) 847-0296.

Sincerely,

Gene Matsushita
Regulatory Compliance Manager
Lockheed Martin Corporation

Attachments:
(1) Chemical Storage and Use Questionnaire for Plant A-1 North
(2) Chemical Storage and Use Questionnaire for Plant A-1 South
(3) Chemical Storage and Use Questionnaire for Plant A-1 East
(4) Chemical Storage and Use Questionnaire for Plant B-1
(5) Chemical Storage and Use Questionnaire for Former Plant B-5
(6) Chemical Storage and Use Questionnaire for Plant B-6 West
(7) Chemical Storage and Use Questionnaire for Plant B-6 East – Building 371
(8) Chemical Storage and Use Questionnaire for Plant C-1
(9) Chemical Storage and Use Questionnaire for Building 85, Lots 16, and 16A

Winston H. Hickox
Secretary for Environmental Protection

California Regional Water Quality Control Board

Los Angeles Region

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640
Internet Address: http://www.swrcb.ca.gov/~rwqcb4

Gray Davis
Governor

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2001 JAN 16 A 10:07

CHEMICAL STORAGE AND USE QUESTIONNAIRE
CHROMIUM INVESTIGATION

I. Facility information

II. Company name: Plant A-1 South

1. Company address: 2311 North Hollywood Way Unit No. _____
2. City: Burbank Zip code: 91505 Phone: (818) 847-0197
3. Standard Industrial Classification (SIC): _____
4. Brief description of business:
   The plant has been demolished, and the property has been redeveloped.
   Historically, Plant A-1 South was used for offices, vehicle maintenance, and parking.
5. EPA Generator Number: CAD008255283 Years in business at this location: 1969 to 1995
6. Answer the following questions relative to **present** operations:
   A. Do you do plating or manufacture circuit boards? ____ Yes X No
      If yes, please explain:
   B. Do you have plating or anodizing tanks? ____ Yes X No
   C. Do you perform any metal work? ____ Yes X No
   D. Do you have a clarifier, sump, tank or other holding tanks for waste water? ____ Yes X No
   E. Do you have an industrial waste permit for sewer discharge? ____ Yes X No
   F. Do you store chemicals at this location? ____ Yes X No

G. Has any soil, waste water and/or groundwater investigations been conducted on the property? X Yes ___ No

If so, by what state or local agency? Los Angeles – California Regional Water Quality Control Board

8. Answer the following questions regarding **past** operations:

A. Do you know if plating operations existed at this location? ___ Yes X No

If yes, please explain:

_____

_____

B. Did you once have plating or anodizing tanks? ___ Yes X No

C. Did you perform any metal work? X Yes ___ No

D. Did you have a clarifier, sump, tank or other holding tanks for waste water? X Yes ___ No

E. Did you have an industrial waste permit for sewer discharge? X Yes ___ No

F. Did you have a drum storage area? X Yes ___ No

G. Have any soil, waste water and/or groundwater investigations been conducted on the property? X Yes ___ No

9. Name(s) of former tenants(s), dates of operation and type of business (provide a separate sheet if necessary).

Company Name	Type of Business	Dates of Operation at the Site
None		

10. List all processes in which metallic compounds (derived from the elements listed in Table 1) are used.

The plant has been demolished. Lockheed Martin conducts no operations at this property.

II. Property owner information

1. Name of current property owner: Gort, Ltd. – Fry Electronics
2. Mailing address of property owner: 340 Portage Avenue
3. City: Palo Alto Zip code: 94306 Phone: ( )

4. Prior property owner(s) and the dates of their ownership

Property Owner	Dates of Ownership	
	From	To
Unimart (portion of property)	1962	1986
American Hospital Supply (portion of property)	1962	1969
Lockheed	1969	December 1995

III. Waste Management

1. What are the sources of industrial waste from the site? (Identify sources by process, composition of wastes generated and approximate quantity disposed of monthly).

Lockheed Martin generates no waste at this property.

IV. Sewer Information

1. ___ Industrial ___ Septic tank ___ Municipal ___ Cesspool (Property is currently not owned or occupied by Lockheed)
2. Was a different sewer system used in the past? X Yes ___ No
   If yes, specify type Sanitary sewer system

V. Chemical Storage and Use

Complete the following sections for all chemicals (inorganic compounds only) in current use or that have been used in the past. Add separate sheets to complete your listing.

1. Chemical name: Chromate Algicide – located at former Building 76 Cooling Towers
2. Common/Trade name: _____ Quantity stored: Unknown
3. Storage method: ___ Underground tank ___ Drums
   Unknown ___ Above ground tank ___ Other (specify)
4. Waste disposal: ___ Sewered ___ Onsite recycling
   Not Applicable ___ Hauled ___ Offsite recycling
5. Is the waste treated prior to disposal? Not Applicable ___ Yes ___ No
   If yes, specify treatment method: _____
6. Is the waste stored prior to disposal? Not Applicable ___ Yes ___ No
7. Is manifest documentation available for designated waste streams? Not Applicable ___ Yes ___ No

---

1. Chemical name: Sulfuric Acid Descaler – located at former Building 76 Cooling Towers
2. Common/Trade name: _____ Quantity stored: Unknown
3. Storage method: ___ Underground tank ___ Drums
   Unknown ___ Above ground tank ___ Other (specify)
4. Waste disposal: ___ Sewered ___ Onsite recycling
   Not Applicable ___ Hauled ___ Offsite recycling

5. Is the waste treated prior to disposal? Not Applicable ____ Yes ___ No
   If yes, specify treatment method: _____
6. Is the waste stored prior to disposal? Not Applicable ____ Yes ___ No
7. Is manifest documentation for designated waste streams available? Not Applicable ____ Yes ___ No

Signature: Gene Matsushita Date: January 12, 2001

Printed name: Gene Matsushita Title: Regulatory Compliance Manager

Phone number: (818) 847-0197

Cook, Claudia

From: Fang, Xiao-Xue@Waterboards <Xiao-Xue.Fang@Waterboards.ca.gov>
Sent: Friday, April 17, 2020 11:48 AM
To: Cook, Claudia
Subject: Re: Environmental Site Assessment - 2311 N. Hollywood Way, Burbank
Attachments: 2017 Annual (second quarter) Groundwater Monitoring Report.pdf

Hello Claudia,

I did not find any reports pertaining to UST removal in our GeoTracker database for the subject site but our records did show that the USTs were removed in 1985 and February 1992. The Burbank Fire Department might have digital copies of these reports. The two wells (A-1-CW04 and A-1-CW09) mentioned in your email are located within the USEPA's Burbank Operable Unit for superfund sites and are sampled by Lockheed on an annual basis. Attached is a copy of the 2017 annual monitoring report for all the BOU wells. The current superfund remedial project manager is Ms. Bianca Handley (handley.bianca@epa.gov). She may have more recent groundwater data for these wells.

Thanks,

Anita

From: Cook, Claudia <ccook@partneresi.com>
Sent: Tuesday, April 14, 2020 3:12 PM
To: Fang, Xiao-Xue@Waterboards <Xiao-Xue.Fang@Waterboards.ca.gov>
Subject: Environmental Site Assessment - 2311 N. Hollywood Way, Burbank

EXTERNAL:

Hi Ms. Fang – I am in the Partner ESI Denver office and am doing an environmental assessment at the above-referenced address. The site has been identified on several database listings and formerly had several USTs removed from the property. I have requested information from the Burbank Fire Department regarding removal of the USTs from this property, which used to be occupied by Lockheed and is referred to as Plant A1-South within the San Fernando NPL boundary. In researching the property on Geotracker I discovered there are two monitoring wells on the north portion of this site. The most recent sampling data appears to be from 2014 and included analytical results for PCE, TCE, chromium and other constituents.

As I indicated I am from Denver, so I am not very familiar with navigating the CRWQCG databases and not too familiar with this NPL site. My question is – would the UST removal documentation be on file with CRWQCB or just the Burbank Fire Department, and are there any more recent analytical results for those two wells, identified as A1-CW04 and A1-CW09?

Thank you so much for your help, I appreciate it

Claudia M. Cook
Environmental Professional
Project Assessor

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Los Angeles Region

Winston H. Hickox
Secretary for Environmental Protection

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640
Internet Address: http://www.swrcb.ca.gov/~rwqcb4

Gray Davis
Governor

November 29, 2000

Ms. Carol Yuge
Lockheed Martin Corporation
2550 North Hollywood Way, 3rd Floor
Burbank, CA 91505-1057

REQUIREMENT FOR A TECHNICAL REPORT PURSUANT TO CALIFORNIA WATER CODE SECTION 13267 - LOCKHEED PLANT A1-SOUTH, 2311 N. HOLLYWOOD WAY, BURBANK, CA 91520 (FILE NO. 104.0675)

Dear Ms. Yuge:

The California Regional Water Quality Control Board, Los Angeles Region, ("Regional Board") is the public agency with primary responsibility to protect groundwater and surface water quality within the Los Angeles Region. This Regional Board and the United States Environmental Protection Agency (US EPA), under the former Well Investigation Program in San Fernando Valley, conducted an initial investigation at your site and a few others. The objectives of that program were to identify sources of chlorinated volatile organic compounds (VOCs) found in the groundwater and remediate them, if needed. On July 6, 1995, the Regional Board issued a letter for your property regarding the investigation of VOCs, stating that we anticipated no further need to investigate for such compounds at your property. Information that has become recently available to the Regional Board demonstrates that some of the groundwater supply wells in the San Fernando Valley Groundwater Basin have been impacted by heavy metals, such as chromium. As a result, we are currently investigating potential sources of chromium contamination in the vicinity.

Chromium is a metallic element widely used in a variety of industrial applications and is present in groundwater in the San Fernando Valley. Chromium concentrations exceed current safe drinking water standards at some locations in the San Fernando Valley and chromium threatens the drinking water resource of the basin. The Maximum Contaminant Level (MCL) for total chromium in California drinking water is 50 parts per billion (ppb).

For your information, the United States Congress passed the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) in 1980 to protect public health and the environment by investigating and remediating sites contaminated with hazardous substances. CERCLA, also known as the Superfund Program provides the U. S. Environmental Protection Agency (US EPA) with the authority to require those responsible for contamination to pay for and/or participate in the investigation and cleanup efforts. California's Porter-Cologne Act provides the Regional Board with similar authority. US EPA and the Regional Board use their

enforcement authority to investigate and remediate sources of contamination that pollute the eastern San Fernando Valley soils and groundwater. The current chromium investigation, lead by the Regional Board, is focused upon identifying individuals and companies responsible for chromium contamination in the eastern San Fernando Valley and holding them responsible for investigation and remediation.

With respect to the current chromium investigation, we have reviewed the case file and report(s) for the subject site and determined that chromium related compounds were used and stored on-site. Based on this information, there is sufficient data to warrant further investigation of chromium impacts at your property.

Therefore, we a requesting pursuant to Section 13276 of the California Water Code that you do the following:

1. Complete the enclosed Chemical Use Questionnaire intended to gather more detailed information about use on your site of heavy metals or use of inorganic compounds from which heavy metals are derived.

2. Return the completed forms to the Regional Board by **December 15, 2000**.

After we review your completed questionnaire, Regional Board staff will follow up with a site inspection. We will either request that you submit a site assessment workplan or recommend that "no further action" is necessary. If submission of a workplan becomes necessary, it must comply with the enclosed "Work Plan Requirements for Subsurface Investigations."

If you have any questions regarding this matter, or would like to schedule a meeting, please call Dr. Arthur Heath at (213) 576-6725 or Mr. Dixon Oriola at (213) 576-6803.

Sincerely,

Dennis A. Dickerson
Executive Officer

Enclosures: Chemical Use Questionnaire with Table I
Work Plan Requirements for Subsurface Investigations

Cook, Claudia

From: Cook, Claudia
Sent: Tuesday, April 14, 2020 4:13 PM
To: xiao-xue.fang@waterboards.ca.gov
Subject: Environmental Site Assessment - 2311 N. Hollywood Way, Burbank

Hi Ms. Fang – I am in the Partner ESI Denver office and am doing an environmental assessment at the above-referenced address. The site has been identified on several database listings and formerly had several USTs removed from the property. I have requested information from the Burbank Fire Department regarding removal of the USTs from this property, which used to be occupied by Lockheed and is referred to as Plant A1-South within the San Fernando NPL boundary. In researching the property on Geotracker I discovered there are two monitoring wells on the north portion of this site. The most recent sampling data appears to be from 2014 and included analytical results for PCE, TCE, chromium and other constituents.

As I indicated I am from Denver, so I am not very familiar with navigating the CRWQCG databases and not too familiar with this NPL site. My question is – would the UST removal documentation be on file with CRWQCB or just the Burbank Fire Department, and are there any more recent analytical results for those two wells, identified as A1-CW04 and A1-CW09?

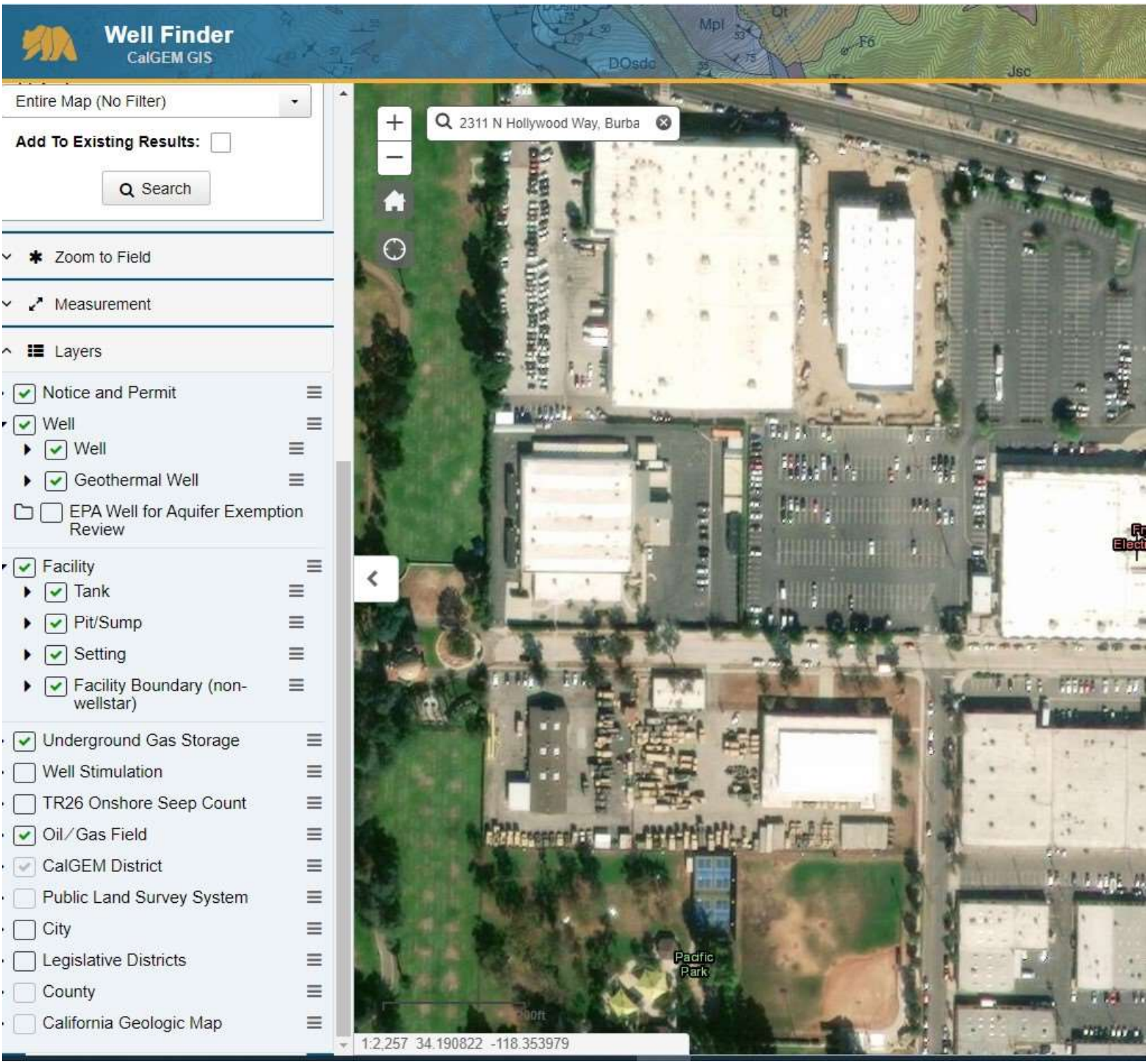
Thank you so much for your help, I appreciate it

Claudia M. Cook
Environmental Professional
Project Assessor

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EPA Well for Aquifer Exemption Review
Facility
Tank
Pit/Sump
Setting
Facility Boundary (non-wellstar)
Underground Gas Storage
Well Stimulation
TR26 Onshore Seep Count
Oil/Gas Field
CalGEM District
Public Land Survey System
City
Legislative Districts
County
California Geologic Map
2311 N Hollywood Way, Burba
Pacific Park
200ft
1:2,257 34.190822 -118.353979

Jtl

Cook, Claudia

From: Cook, Claudia
Sent: Friday, April 17, 2020 2:37 PM
To: handley.bianca@epa.gov
Subject: 2311 N Hollywood Way, Burbank

I am in the Partner ESI Denver office and am doing an environmental assessment at the above-referenced address. The site has been identified on several database listings and formerly had several USTs removed from the property. I have requested information from the Burbank Fire Department regarding removal of the USTs, which used to be occupied by Lockheed and is referred to as Plant A1-South within the San Fernando NPL boundary. In researching the property on CRWQCB Geotracker I discovered there are two monitoring wells on the north portion of this site associated with the NPL site. I contacted Ms. Anita Fang with CRWQCB who forwarded a copy of a 2017 Annual GW Monitoring Report. Ms. Fang suggested I reach out to you to obtain the most recent sampling report.

If there is a more recent GW monitoring report would it be possible to get at copy of it at your earliest convenience?

Thank you so much for your help,

Claudia M. Cook
Environmental Professional
Project Assessor

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STATE WATER RESOURCES CONTROL BOARD
GEOTRACKER

CASE SUMMARY

REPORT DATE
1/2/1965

HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?

I. REPORTED BY -
UNKNOWN

CREATED BY
UNKNOWN

III. SITE LOCATION

FACILITY NAME
LOCKHEED PLANT A1-SOUTH

FACILITY ID

FACILITY ADDRESS
2311 N. HOLLYWOOD WAY.
BURBANK, CA 91505
LOS ANGELES COUNTY

ORIENTATION OF SITE TO STREET

CROSS STREET

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN
SVOC, VOC

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGAN

DATE DISCOVERED

HOW DISCOVERED

DESCRIPTION

DATE STOPPED

STOP METHOD

DESCRIPTION

VII. SOURCE/CAUSE

SOURCE OF DISCHARGE

CAUSE OF DISCHARGE

DISCHARGE DESCRIPTION

VIII. CASE TYPE

CASE TYPE
Aquifer used for drinking water supply

IX. REMEDIAL ACTION

REMEDIAL ACTION BEGIN DATE END DATE DESCRIPTION

N	12/1/1986	5/5/1995	SOIL EXCAVATED FROM 4-12,000 GAL TANKS. ACTION NUMBERS 3 AND 4.
N	6/21/1988	5/5/1995	SOIL EXCAVATED FROM 4-12,000 GAL TANKS. ACTION NUMBERS 3 AND 4.
N	2/24/1992	5/5/1995	SOIL EXCAVATED FROM 4-12,000 GAL TANKS. ACTION NUMBERS 3 AND 4.
N	3/10/1992	5/5/1995	SOIL EXCAVATED FROM 4-12,000 GAL TANKS. ACTION NUMBERS 3 AND 4.
N	3/17/1992	5/5/1995	SOIL EXCAVATED FROM 4-12,000 GAL TANKS. ACTION NUMBERS 3 AND 4.
N	3/24/1992	5/5/1995	SOIL EXCAVATED FROM 4-12,000 GAL TANKS. ACTION NUMBERS 3 AND 4.
N	4/8/1992	5/5/1995	SOIL EXCAVATED FROM 4-12,000 GAL TANKS. ACTION NUMBERS 3 AND 4.
N	1/18/1995	5/5/1995	SOIL EXCAVATED FROM 4-12,000 GAL TANKS. ACTION NUMBERS 3 AND 4.

X. GENERAL COMMENTS

Remediation completed.

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER

REGIONAL BOARD CASE NUMBER
104.0675

LOCAL AGENCY

UNKNOWN

REGIONAL BOARD

CONTACT NAME	INITIALS	ORGANIZATION_NAME	EMAIL ADDRESS
Anita FANG	AF	LOS ANGELES RWQCB (REGION 4)	xiao-xue.fang@waterboards.ca.gov

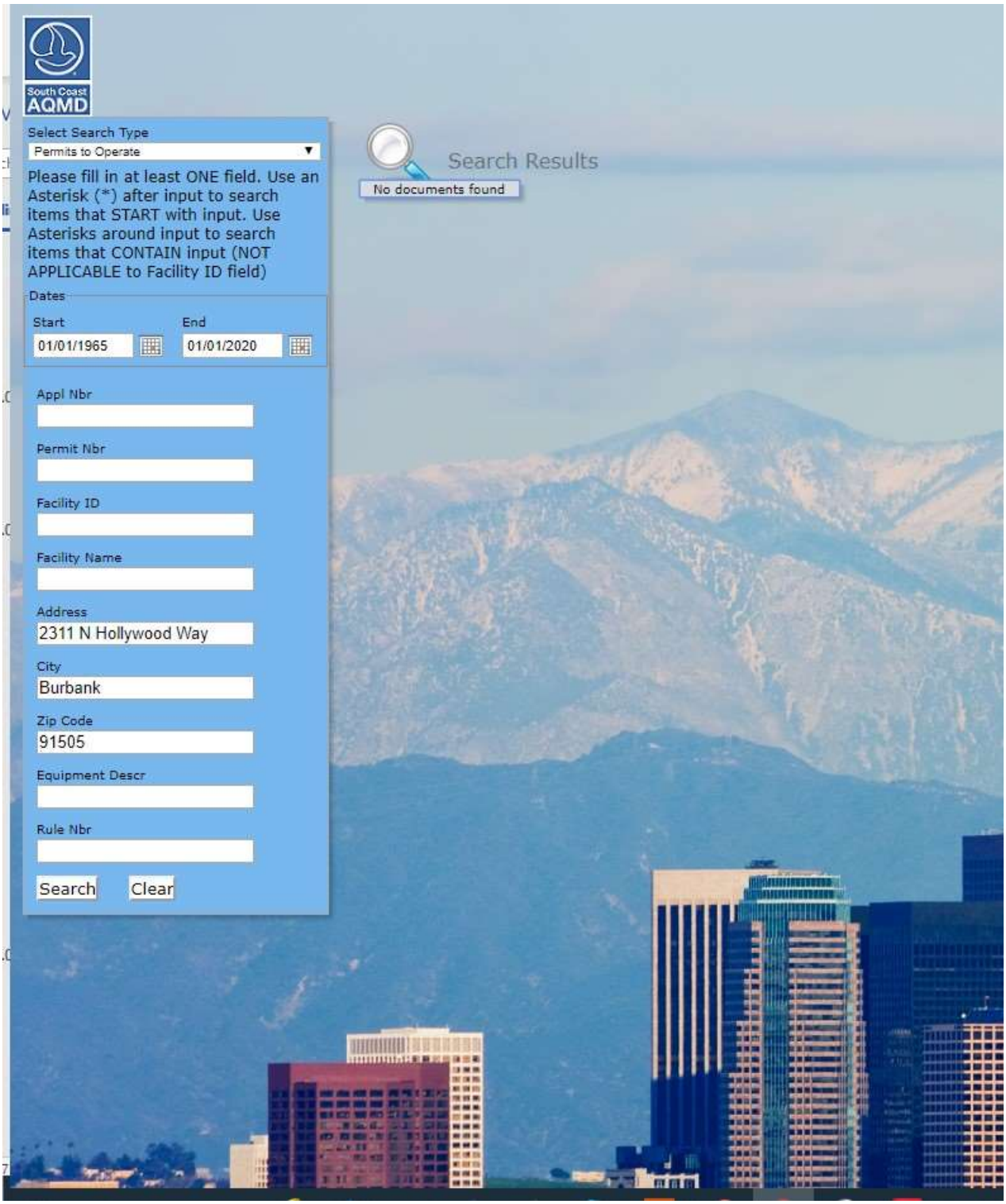
ADDRESS
320 West 4th Street, Suite 200
LOS ANGELES, CA 90013

CONTACT DESCRIPTION

PHONE TYPE	PHONE NUMBER	EXTENSION
PHONE	(213)-576-6730	

Contact Us

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South Coast AQMD
Select Search Type
Permits to Operate
Please fill in at least ONE field. Use an Asterisk (*) after input to search items that START with input. Use Asterisks around input to search items that CONTAIN input (NOT APPLICABLE to Facility ID field)
Dates
Start
01/01/1965
End
01/01/2020
Appl Nbr
Permit Nbr
Facility ID
Facility Name
Address
2311 N Hollywood Way
City
Burbank
Zip Code
91505
Equipment Descr
Rule Nbr
Search
Clear
Search Results
No documents found

APPENDIX C: REGULATORY DATABASE REPORT

PARTNER

2311 N Hollywood Way
2311 N Hollywood Way
BURBANK, CA 91505

Inquiry Number: 6036912.2s
April 09, 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

2311 N HOLLYWOOD WAY
BURBANK, CA 91505

COORDINATES

Latitude (North):	34.1910400 - 34˚ 11' 27.74''
Longitude (West):	118.3505290 - 118˚ 21' 1.90''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	375554.4
UTM Y (Meters):	3783967.8
Elevation:	673 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630791 BURBANK, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
2311 N HOLLYWOOD WAY
BURBANK, CA 91505

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LOCKHEED AERONAUTICA	2311 N HOLLYWOOD WAY	RCRA NonGen / NLR, FINDS, ECHO		TP
A2	LOCKHEED MARTIN CORP	B76-76A 2311 N HOLLY	CA HAZNET, CA HWTS		TP
A3	FRY'S ELECTRONICS	2311 N HOLLYWOOD WAY	CA HWTS		TP
A4		2311 N HOLLYWOOD WAY	RCRA NonGen / NLR		TP
A5	LOCKHEED PLANT A-1 S	2311 NORTH HOLLYWOOD	CA CDL, CA ENF		TP
A6	LOCKHEED PLANT A1-SO	2311 N. HOLLYWOOD WA	FINDS		TP
A7	GORT LIMITED	2311 NORTH HOLLYWOOD	CA HAZNET, CA HWTS		TP
A8	FRY'S ELECTRONICS	2311 N HOLLYWOOD WAY	ECHO		TP
A9	LOCKHEED PLANE A-1 S	2311 N HOLLYWOOD WAY	CA CPS-SLIC, CA CERS HAZ WASTE, CA SWEEPS UST, CA...		TP
Reg	SAN FERNANDO VALLEY	CRYSTAL SPRINGS WELL	NPL, SEMS, US ENG CONTROLS, CA ENVIROSTOR, CA HIST	Same	5145, 0.974, SSE
Reg	SAN FERNANDO VALLEY	NORTH HOLLYWOOD WELL	NPL, SEMS, US ENG CONTROLS, US INST CONTROLS, CA...	Same	1 ft.
B10	TD QUILTING MACHINER	3640 VALHALLA DR	CA WIP	Lower	50, 0.009, SW
B11	FINAL FILM	3620 W VALHALLA DR	RCRA NonGen / NLR	Lower	51, 0.010, SW
C12	QUANTEGY INC	3520 VALHALLA DR	CA LOS ANGELES CO. HMS, CA WIP	Lower	52, 0.010, SE
C13	CHEN ENGINEERING & S	3540 VALHALLA DR	CA LOS ANGELES CO. HMS, CA WIP	Lower	52, 0.010, SSE
D14	ORGANIZATIONAL MAINT	3800 W VALHALLA DR	CA HIST UST	Lower	155, 0.029, WSW
D15	NAT'L GUARD REPAIR G	3800 VALHALLA DR	CA CERS HAZ WASTE, CA SWEEPS UST, CA HIST UST,...	Lower	155, 0.029, WSW
16	CALSTART	3601 EMPIRE AVE	RCRA-SQG, FINDS, ECHO, CA HAZNET, CA HWTS	Higher	212, 0.040, NNW
B17	TYLIE JONES AND ASSO	2240 SCREENLAND DR	CA WIP	Lower	225, 0.043, SSW
B18	JOHNSON DIELECTRICS	2220 SCREENLAND DR	RCRA-SQG, FINDS, ECHO, CA EMI, CA HAZNET, CA HWTS	Lower	290, 0.055, SSW
E19	LOCKEED FEDERAL CRED	2340 N HOLLYWOOD WAY	CA CERS TANKS, CA HAZNET, CA CERS, CA HWTS	Lower	338, 0.064, East
E20	LOCKHEED FEDERAL CRE	2340 HOLLYWOOD WAY	CA SWEEPS UST	Lower	338, 0.064, East
E21	LOGIX FEDERAL CREDIT	2340 N HOLLYWOOD WAY	CA UST	Lower	338, 0.064, East
E22	SEATON-WILSON INC	3310 VANOWEN STREET	RCRA-SQG, FINDS, ECHO	Lower	400, 0.076, ENE
E23	CONSOLIDATED ROUTING	3310 VANOWEN ST	CA LOS ANGELES CO. HMS, CA WIP	Lower	400, 0.076, ENE
24	VEGA AIRCRAFT		FUDS	Higher	408, 0.077, NNE
F25	MIDNIGHT OIL AGENCY,	3800 VANOWEN ST	CA CERS HAZ WASTE, CA EMI, CA CERS	Higher	421, 0.080, NW
F26	MIDNIGHT OIL AGENCY	3800 W. VANOWEN ST	RCRA NonGen / NLR	Higher	432, 0.082, NW
G27	LEE FILTERS	2237 HOLLYWOOD WAY	CA CPS-SLIC, CA ENF, CA WIP, CA CERS	Lower	446, 0.084, SSE
H28	COLOR WEST INC	2228 N HOLLYWOOD WAY	RCRA-SQG, CA CERS HAZ WASTE, FINDS, ECHO, CA EMI,...	Lower	452, 0.086, SE
H29	COLOR WEST	2228 HOLLYWOOD WAY	CA WIP	Lower	452, 0.086, SE
30	BURBANK OMS 13	3800 VACHALLA DRIVE	CA HIST UST	Lower	460, 0.087, WSW
G31	BUDGET RENT-A-CAR	2220 N HOLLYWOOD WAY	CA LOS ANGELES CO. HMS, CA WIP	Lower	463, 0.088, SE
G32	BUDGET RENT A CAR	2220 N HOLLYWOOD WAY	CA CPS-SLIC, CA HIST UST, CA CERS	Lower	463, 0.088, SE
G33	BUDGET RENT A CAR	2220 N HOLLYWOOD WAY	CA SWEEPS UST, CA FID UST	Lower	463, 0.088, SE
I34	LOCKHEED A-1 EAST	3401 W EMPIRE AVE	CA CPS-SLIC, CA WIP, CA CERS	Lower	484, 0.092, NE
I35	LOCKHEED MARTIN CORP	3401 W EMPIRE AVE	RCRA-SQG, FINDS, ECHO	Lower	484, 0.092, NE
G36	BUILD REHAB INDUSTRI	2205 HOLLYWOOD WAY	CA WIP	Lower	508, 0.096, SSE
J37	MSN III AND IV, LLC	3333 EMPIRE AVE	CA CERS TANKS, CA CIWQS, CA CERS	Lower	538, 0.102, ENE

MAPPED SITES SUMMARY

Target Property Address:
2311 N HOLLYWOOD WAY
BURBANK, CA 91505

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
J38	HASBRO	3333 W EMPIRE AVE	RCRA NonGen / NLR	Lower	538, 0.102, ENE
J39	M DAVID PAUL & ASSOC	3333 EMPIRE AVE	CA AST	Lower	538, 0.102, ENE
G40	SIMCO CORPORATION	2201 HOLLYWOOD WAY	CA WIP	Lower	609, 0.115, SSE
G41	AT&T INFORMATION SYS	3413 W PACIFIC AVE	CA HIST UST	Lower	665, 0.126, SSE
G42	JOHANSON DIELECTRICS	3515 W PACIFIC AVE	CA WIP	Lower	672, 0.127, SSE
G43	ARTISANS BRASS PRODS	3519 W PACIFIC AVE	RCRA-SQG, FINDS, ECHO	Lower	672, 0.127, SSE
G44	ARTISANS BRASS PRODU	3519 W PACIFIC AVE	CA SWEEPS UST	Lower	672, 0.127, SSE
K45	HURST LABELING SYSTE	3625 W PACIFIC AVE	CA WIP	Lower	676, 0.128, South
K46	GLOBAL CONSUMER SERV	3607 W PACIFIC AVE	CA WIP	Lower	677, 0.128, South
L47	NASMYTH TMF, INC	3405 W PACIFIC AVE	RCRA-LQG	Lower	725, 0.137, SE
L48	NASMYTH TMF INC	3405 W PACIFIC AVE	CA CERS HAZ WASTE, CA CIWQS	Lower	725, 0.137, SE
L49	ST JOSEPH HOSPITAL	3413 PACIFIC AVE	CA HIST UST, CA LOS ANGELES CO. HMS	Lower	760, 0.144, SE
L50	ST. JOSEPH HOSPITAL	3413 PACIFIC AVE	CA SWEEPS UST	Lower	760, 0.144, SE
L51	FEDERAL EXPRESS	3405 PACIFIC AVE	CA WIP	Lower	773, 0.146, SE
L52	POLY-CRAFT SYS-DIV.	3403 PACIFIC AVE	CA EMI, CA WIP	Lower	777, 0.147, SE
L53	TECHNICAL METAL FINI	3401 PACIFIC AVENUE	CA CPS-SLIC, CA EMI, CA LOS ANGELES CO. HMS, CA...	Lower	781, 0.148, SE
M54	BUDDYS ALLSTARS INC	3216 W VALHALLA DR	RCRA NonGen / NLR	Lower	789, 0.149, ESE
L55	TECHNICAL METAL FINI	3401 W. PACIFIC AVEN	RCRA-LQG	Lower	801, 0.152, SE
L56	TECHNICAL METAL FINI	3401 W. PACIFIC AVE	RCRA-SQG	Lower	801, 0.152, SE
N57	TRIBAL SCENERY	3216 VANOWEN ST	RCRA-SQG, FINDS, ECHO, CA HAZNET, CA WIP, CA CERS,...	Lower	835, 0.158, East
M58	QUANTUM CREATION FX	3210 W VALHALLA DR	CA CERS HAZ WASTE, CA HWTS	Lower	854, 0.162, ESE
N59	WALTON EMMICK	3210 VANOWEN ST	CA LOS ANGELES CO. HMS, CA WIP	Lower	867, 0.164, East
O60	BURBANK AIRPORT HILT	2500 HOLLYWOOD WAY	CA WIP	Higher	886, 0.168, NNE
P61	U S POST OFFICE BURB	2140 N HOLLYWOOD WAY	CA SWEEPS UST, CA HIST UST, CA LOS ANGELES CO. HMS	Lower	907, 0.172, SSE
O62	AVAIRPROS SERVICES	2501 N HOLLYWOOD WAY	CA AST	Higher	937, 0.177, NNE
O63	FOX RENT A CAR - BUR	2501 N HOLLYWOOD WAY	RCRA NonGen / NLR	Higher	937, 0.177, NNE
O64	EHI BUR CONRAC	2501 N HOLLYWOOD WAY	CA CERS HAZ WASTE, CA CERS TANKS, CA CERS	Higher	937, 0.177, NNE
O65	EHI BUR CONRAC	2501 N HOLLYWOOD WAY	RCRA NonGen / NLR	Higher	937, 0.177, NNE
O66	AVAIRPROS SERVICES	2501 N HOLLYWOOD WAY	CA UST	Higher	937, 0.177, NNE
O67	AVIS RENT A CAR SYST	2501 N HOLLYWOOD WAY	RCRA NonGen / NLR	Higher	937, 0.177, NNE
O68	HERTZ RAC 1102	2501 N HOLLYWOOD WAY	RCRA NonGen / NLR	Higher	937, 0.177, NNE
M69	SCREEN GRAPHICS CO.	3216 VALHALLA DR	CA CERS HAZ WASTE, CA EMI, CA LOS ANGELES CO. HMS,	Lower	1007, 0.191, East
O70	LOCKHEED AIRCRAFT CO	2555 NORTH HOLLYWOOD	CA ENVIROSTOR, CA CPS-SLIC, CA CERS	Higher	1019, 0.193, NNE
O71	LOCKHEED PLANT A-1	2555 HOLLYWOOD WY N	CA LUST, CA SWEEPS UST, CA FID UST, CA LOS ANGELES...	Higher	1019, 0.193, NNE
O72	LOCKHEED CAL. COMPAN	2555 N. HOLLYWOOD WA	SEMS-ARCHIVE, RCRA NonGen / NLR	Higher	1019, 0.193, NNE
O73	LOCKHEED-BURBANK PLA	2555 NO. HOLLYWOOD W	CA BOND EXP. PLAN	Higher	1019, 0.193, NNE
O74	LOCKHEED PLANT A-1-F	2555 HOLLYWOOD WY	CA LUST, CA ENF, CA HIST CORTESE, CA NPDES, CA...	Higher	1019, 0.193, NNE
O75	LOCKHEED-CALIFORNIA	2555 NO HOLLYWOOD WA	CA HIST UST	Higher	1019, 0.193, NNE
M76	ASSURED TRANSPORT &	3210 VALHALLA DR	CA LOS ANGELES CO. HMS, CA WIP	Lower	1026, 0.194, East

MAPPED SITES SUMMARY

Target Property Address:
2311 N HOLLYWOOD WAY
BURBANK, CA 91505

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
77	EI DUPONT DENEMOURS	3300 PACIFIC AVE	RCRA-SQG, CA CPS-SLIC, FINDS, ECHO, CA HAZNET, CA...	Lower	1067, 0.202, SE
O78	LOCKHEED PLANT B-1	17505 VICTORY PL	CA LUST, CA HIST CORTESE, CA CERS	Higher	1116, 0.211, NNE
P79	DELUXE MEDIA	2130 HOLLYWOOD WAY	RCRA-SQG	Lower	1127, 0.213, SSE
P80	MODE O'DAY	2130 HOLLYWOOD WAY	CA WIP	Lower	1127, 0.213, SSE
Q81	DISC GRAPHICS	3116 VANOWEN ST	RCRA-SQG, ICIS, US AIRS, FINDS, CA EMI, CA LOS...	Lower	1162, 0.220, East
82	LOCKHEED AERONAUTICA	U20 2130 N HOLLYWOOD	RCRA NonGen / NLR	Lower	1287, 0.244, SSE
R83	LOCKHEED CORP./ENV S	2550 N. HOLLYWOOD WA	CA ENVIROSTOR	Higher	1294, 0.245, NNE
R84	US HEALTHWORKS MEDIC	2550 N HOLLYWOOD WAY	RCRA NonGen / NLR	Higher	1294, 0.245, NNE
S85	AIRCRAFT GOVERNOR IN	4110 VANOWEN PL	CA WIP	Higher	1297, 0.246, WNW
S86	FORTIN LAMINATING CO	4114 VANOWEN PL	RCRA NonGen / NLR, FINDS, ECHO, CA EMI	Higher	1306, 0.247, WNW
S87	FORTING LAMINATING C	4114 VANOWEN PL	CA WIP	Higher	1306, 0.247, WNW
Q88	U.S. LABEL CORP.	3100 W. VANOWEN ST	CA CPS-SLIC, CA WIP, CA CERS	Lower	1308, 0.248, East
Q89	US LABEL CORP	3100 W VAN OWEN ST	RCRA NonGen / NLR	Lower	1308, 0.248, East
T90	BICO, INC.	3116 VALHALLA DR	CA CERS HAZ WASTE, CA LOS ANGELES CO. HMS, CA WIP	Lower	1312, 0.248, East
S91	WOODPECKERS INC	4111 VANOWEN PL	CA LOS ANGELES CO. HMS, CA WIP	Higher	1315, 0.249, WNW
T92	THE PATRICK TATOPOUL	1951 ONTARIO ST	CA CPS-SLIC, CA WIP, CA CERS	Lower	1323, 0.251, ESE
93	BOB HOPE	2627 HOLLYWOOD WAY	CA SWEEPS UST, CA NON-CASE INFO, CA PFAS	Higher	1555, 0.295, NNE
U94	SIERRACIN-HARRISON	3020 EMPIRE	CA CPS-SLIC, CA EMI, CA ENF, CA WIP, CA CERS	Lower	1607, 0.304, East
U95	MEL BERNIE & COMPANY	3000 EMPIRE AVE	CA ENVIROSTOR, CA HIST UST, CA EMI, CA ENF, CA...	Lower	1741, 0.330, East
U96	ACCESSORY PLATING	3000 W EMPIRE AVE	CA CPS-SLIC, CA HIST UST, CA NPDES, CA WDS, CA...	Lower	1744, 0.330, East
V97	LOCKHEED A-1, B85, L	3220 W THORTON	CA CPS-SLIC, CA WIP, CA CERS	Higher	1746, 0.331, NE
V98	LOCKHEED A-1 EAST, B	3110 W THORNTON AVE	CA CPS-SLIC, CA WIP, CA CERS	Higher	1801, 0.341, NE
99	LOCKHEED AIR TERMINA	2627 NORTH HOLLYWOOD	CA ENVIROSTOR, CA CHMIRS, CA ENF, CA NPDES, CA...	Higher	1812, 0.343, NNW
W100	CHEVRON #9-0839	2650 HOLLYWOOD WY N	CA LUST, CA CERS	Higher	1844, 0.349, NNE
W101	CHEVRON #9-0839	2650 HOLLYWOOD	CA HIST CORTESE	Higher	1844, 0.349, NNE
X102	DUNLAP ABBOTT CHALCO	2323 VALLEY ST	RCRA-SQG, CA CPS-SLIC, FINDS, ECHO, CA HAZNET, CA...	Higher	1855, 0.351, WNW
X103	ABBY RENTS	2333 N VALLEY ST	CA CPS-SLIC, CA WIP, CA CERS	Higher	1875, 0.355, WNW
104	FORMER LOCKHEED PLAN	4207 EMPIRE AVENUE	CA CPS-SLIC, CA CHMIRS, CA ENF, CA WIP, CA CERS	Higher	1944, 0.368, WNW
W105	PREMIER SUEDE & LEAT	2708 HOLLYWOOD	CA CPS-SLIC, CA ENF, CA CERS	Higher	2000, 0.379, NNE
106	BONDED SERVICES	3205 BURTON AVE	CA CPS-SLIC, CA ENF, CA WIP, CA CERS	Higher	2117, 0.401, NE
Y107	MOBIL #11-FD3	1951 HOLLYWOOD WY N	CA LUST, CA ENF, CA HIST CORTESE, CA CERS	Lower	2118, 0.401, South
Y108	MASE'S UNOCAL SS#199	1976 HOLLYWOOD WAY	CA LUST, CA SWEEPS UST	Lower	2122, 0.402, SSE
Y109	TOSCO S.S. #1999	1976 HOLLYWOOD	CA LUST, CA HIST CORTESE, CA CERS	Lower	2122, 0.402, SSE
Z110	ALIGN-RITE INTERNATI	2422-2428 NORTH ONTA	CA CPS-SLIC, CA CERS	Higher	2260, 0.428, NE
111	MERCURY AIR SERVICES	4331 EMPIRE AVE W	CA LUST, CA HIST CORTESE, CA CERS	Higher	2328, 0.441, WNW
AA112	JAY-DEE AIRCRAFT SUP	2921 THORNTON AVE	CA CPS-SLIC, CA WIP, CA CERS	Lower	2369, 0.449, NE
AA113	JAY DEE AIRCRAFT SUP	2917 THORNTON AVE	CA CPS-SLIC, CA WIP, CA CERS	Lower	2370, 0.449, NE
Z114	FORMER TWISS HEATING	2503 NORTH ONTARIO B	CA CPS-SLIC, CA CERS	Higher	2389, 0.452, NE
AB115	AIRCRAFT SERVICE INT	2761 HOLLYWOOD WAY	CA LUST, CA SWEEPS UST, CA HIST UST, CA FID UST,...	Higher	2403, 0.455, North

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Target Property Address:
2311 N HOLLYWOOD WAY
BURBANK, CA 91505

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AB116	LOCKHEED AIR TERMINA	2761 HOLLYWOOD WAY	CA LUST, CA EMI	Higher	2403, 0.455, North
AC117	VALLEY ENAMELING COR	2509 NORTH ONTARIO S	RCRA-SQG, CA CPS-SLIC, CA CERS HAZ WASTE, FINDS,...	Higher	2442, 0.463, NE
118	LOCKHEED AIRCRAFT	3100 WEST VICTORY BO	CA SWF/LF	Lower	2466, 0.467, SE
AC119	PROCESS CONTROL LABS	2520 N. ONTARIO ST.	CA ENVIROSTOR, CA CPS-SLIC, CA CERS HAZ WASTE, CA..	Higher	2701, 0.512, NE
AD120	CRANE AEROSPACE HYDR	3000 WINONA AVE	RCRA-LQG, CA AST, CA HWP, CA CERS	Higher	2809, 0.532, NE
AD121	CRANE AEROSPACE	3000 WINONA AVE	CA RESPONSE, CA ENVIROSTOR, CA LUST, CA CPS-SLIC,...	Higher	2809, 0.532, NE
122	JANCO CORPORATION	3111 WINONA AVE	RCRA-SQG, CA ENVIROSTOR, CA CPS-SLIC, FINDS, ECHO,..	Higher	3092, 0.586, NNE
AE123	ALUMTREAT INC	2905 WINONA AVE	CA ENVIROSTOR, CA SWEEPS UST, CA DEED, RCRA NonGe	Higher	3436, 0.651, NE
AE124	ALUMTREAT INC	2905 WINONA	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG	Higher	3436, 0.651, NE
125	PACIFIC AIRMOTIVE	2940 NORTH HOLLYWOOD	CA ENVIROSTOR, CA HIST CORTESE, CA CIWQS	Higher	3478, 0.659, NNE
AF126	WEST LA AREA STATION		CA ENVIROSTOR	Higher	3574, 0.677, NW
AF127	WEST LA AREA STATION		FUDS	Higher	3580, 0.678, NW
128	WESTERN PACIFIC CIRC	2033 N LINCOLN	SEMS-ARCHIVE, RCRA-SQG, CA ENVIROSTOR, FINDS,...	Lower	4036, 0.764, East
129	STEVE'S PLATING CORP	3111 N. SAN FERNANDO	RCRA-LQG, CA ENVIROSTOR, CA CPS-SLIC, CA UST, CA...	Higher	4163, 0.788, NNE
130	MARTIN AVIATION	3000 CLYBOURN	CA ENVIROSTOR, CA HIST UST, CA EMI, CA LOS ANGELES..	Higher	4675, 0.885, NW
AG131	HUGHEY & PHILLIPS IN	3050 CALIFORNIA STRE	CA ENVIROSTOR	Higher	4837, 0.916, NNE
AG132	BRASS PRODUCTION COM	3059-3063 NORTH CALI	CA ENVIROSTOR	Higher	4963, 0.940, NNE
AG133	MAGNA PLATING, INC.	3063 NORTH CALIFORNI	CA ENVIROSTOR, CA CPS-SLIC, CA CERS HAZ WASTE, CA..	Higher	5012, 0.949, NNE
AH134	ADEL PRECISION PRODU		CA ENVIROSTOR	Higher	5250, 0.994, West
AH135	ADEL PRECISION PRODU		FUDS	Higher	5264, 0.997, West

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
LOCKHEED AERONAUTICA 2311 N HOLLYWOOD WAY BURBANK, CA 91505	RCRA NonGen / NLR EPA ID:: CAD982504052 FINDS Registry ID:: 110009546955 ECHO Registry ID: 110009546955	CAD982504052
LOCKHEED MARTIN CORP B76-76A 2311 N HOLLY BURBANK, CA 91505	CA HAZNET GEPAID: CAD982504052 CA HWTS	N/A
FRY'S ELECTRONICS 2311 N HOLLYWOOD WAY BURBANK, CA 91505	CA HWTS	N/A
2311 N HOLLYWOOD WAY 2311 N HOLLYWOOD WAY BURBANK, CA 91505	RCRA NonGen / NLR EPA ID:: CAL000449125	CAL000449125
LOCKHEED PLANT A-1 S 2311 NORTH HOLLYWOOD BURBANK, CA 91520	CA CDL Facility Id: 2003-05-049 CA ENF Status: Historical Status: Historical Facility Id: 238491	N/A
LOCKHEED PLANT A1-SO 2311 N. HOLLYWOOD WA BURBANK, CA 91505	FINDS Registry ID:: 110066305162	N/A
GORT LIMITED 2311 NORTH HOLLYWOOD BURBANK, CA 91505	CA HAZNET GEPAID: CAC001158224 CA HWTS	N/A
FRY'S ELECTRONICS 2311 N HOLLYWOOD WAY BURBANK, CA 91505	ECHO Registry ID: 110070632996	N/A

EXECUTIVE SUMMARY

LOCKHEED PLANE A-1 S
2311 N HOLLYWOOD WAY
BURBANK, CA 91505

CA CPS-SLIC N/A
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Open - Remediation
Global Id: SL603798615

CA CERS HAZ WASTE
CA SWEEPS UST
Status: A
Comp Number: 780000

CA FID UST
Facility Id: 19055205
Status: A

CA WIP
Facility Status: Active

CA CERS

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

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

Federal Delisted NPL site list

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

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State and tribal leaking storage tank lists

INDIAN LUST - Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

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
DEBRIS REGION 9 - Torres Martinez Reservation Illegal Dump Site Locations
ODI - Open Dump Inventory
IHS OPEN DUMPS - Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

CA AOCONCERN - Key Areas of Concerns in Los Angeles County
US HIST CDL - Delisted National Clandestine Laboratory Register
CA SCH - School Property Evaluation Program
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 LDS - Land Disposal Sites Listing
CA MCS - Military Cleanup Sites Listing
CA SPILLS 90 - SPILLS 90 data from FirstSearch

Other Ascertainable Records

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
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
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
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA CUPA Listings	CUPA Resources List
CA DRYCLEANERS	Cleaner Facilities
CA Financial Assurance	Financial Assurance Information Listing
CA ICE	ICE
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 Notify 65	Proposition 65 Records
CA UIC	UIC Listing
CA UIC GEO	UIC GEO (GEOTRACKER)
CA WASTEWATER PITS	Oil Wastewater Pits Listing
CA MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
CA PROJECT	PROJECT (GEOTRACKER)
CA WDR	Waste Discharge Requirements Listing
CA OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
CA PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
CA SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
CA WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)
CA LOS ANGELES CO LF METHANE	Methane Producing Landfills
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 Hist Cleaner EDR Exclusive Historical 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.

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 NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 01/30/2020 has revealed that there are 2 NPL sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN FERNANDO VALLEY Cerclis ID:: 902252 EPA Id: CAD980894901	***CRYSTAL SPRINGS WELL***	***SSE 1/2 - 1 (0.974 mi.)***	***0***	***30***
SAN FERNANDO VALLEY Cerclis ID:: 902251 EPA Id: CAD980894893	***NORTH HOLLYWOOD WELL***	***0 - 1/8 (0.000 mi.)***	***0***	***70***

Federal CERCLIS list

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly 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.

A review of the SEMS list, as provided by EDR, and dated 01/30/2020 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN FERNANDO VALLEY Site ID: 0902251 EPA Id: CAD980894893	***NORTH HOLLYWOOD WELL***	***0 - 1/8 (0.000 mi.)***	***0***	***70***

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 is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOCKHEED CAL. COMPAN Site ID: 0903859 EPA Id: CAD008255283	***2555 N. HOLLYWOOD WA***	***NNE 1/8 - 1/4 (0.193 mi.)***	***O72***	***359***

Federal RCRA CORRACTS facilities list

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

A review of the CORRACTS list, as provided by EDR, and dated 12/16/2019 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALUMTREAT INC EPA ID:: CAD009561911	***2905 WINONA***	***NE 1/2 - 1 (0.651 mi.)***	***AE124***	***685***

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 12/16/2019 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NASMYTH TMF, INC EPA ID:: CAR000175455	3405 W PACIFIC AVE	SE 1/8 - 1/4 (0.137 mi.)	L47	257
TECHNICAL METAL FINI EPA ID:: CAD008241408	3401 W. PACIFIC AVEN	SE 1/8 - 1/4 (0.152 mi.)	L55	287

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

A review of the RCRA-SQG list, as provided by EDR, and dated 12/16/2019 has revealed that there are 11 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALSTART EPA ID:: CAR000010140	***3601 EMPIRE AVE***	***NNW 0 - 1/8 (0.040 mi.)***	***16***	***123***

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOHNSON DIELECTRICS EPA ID:: CAD056430820	***2220 SCREENLAND DR***	***SSW 0 - 1/8 (0.055 mi.)***	***B18***	***126***
SEATON-WILSON INC EPA ID:: CAD085920908	***3310 VANOWEN STREET***	***ENE 0 - 1/8 (0.076 mi.)***	***E22***	***147***
COLOR WEST INC EPA ID:: CAD982522948	***2228 N HOLLYWOOD WAY***	***SE 0 - 1/8 (0.086 mi.)***	***H28***	***162***
LOCKHEED MARTIN CORP EPA ID:: CAD982503757	***3401 W EMPIRE AVE***	***NE 0 - 1/8 (0.092 mi.)***	***I35***	***246***
ARTISANS BRASS PRODS EPA ID:: CAT080028483	***3519 W PACIFIC AVE***	***SSE 1/8 - 1/4 (0.127 mi.)***	***G43***	***254***
TECHNICAL METAL FINI EPA ID:: CAP000282939	3401 W. PACIFIC AVE	SE 1/8 - 1/4 (0.152 mi.)	L56	290
TRIBAL SCENERY EPA ID:: CAD982436545	***3216 VANOWEN ST***	***E 1/8 - 1/4 (0.158 mi.)***	***N57***	***291***
EI DUPONT DENEMOURS EPA ID:: CAD982445215	***3300 PACIFIC AVE***	***SE 1/8 - 1/4 (0.202 mi.)***	***77***	***399***
DELUXE MEDIA	2130 HOLLYWOOD WAY	SSE 1/8 - 1/4 (0.213 mi.)	P79	408

EPA ID:: CAR000227785

DISC GRAPHICS	***3116 VANOWEN ST***	***E 1/8 - 1/4 (0.220 mi.)***	***Q81***	***410***

EPA ID:: CAR000064667

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 11/22/2019 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN FERNANDO VALLEY	***NORTH HOLLYWOOD WELL***	***0 - 1/8 (0.000 mi.)***	***0***	***70***

EPA ID:: CAD980894893
EPA ID:: CAD980894893

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 11/22/2019 has revealed that there is 1 US INST CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN FERNANDO VALLEY	***NORTH HOLLYWOOD WELL***	***0 - 1/8 (0.000 mi.)***	***0***	***70***

EPA ID:: CAD980894893

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CRANE AEROSPACE	***3000 WINONA AVE***	***NE 1/2 - 1 (0.532 mi.)***	***AD121***	***594***

Database: RESPONSE, Date of Government Version: 10/28/2019
Status: Active
Facility Id: 60002807

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 10/28/2019 has revealed that there are 19 CA ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN FERNANDO VALLEY Facility Id: 19990012 Status: Active	***CRYSTAL SPRINGS WELL***	***SSE 1/2 - 1 (0.974 mi.)***	***0***	***30***
SAN FERNANDO VALLEY Facility Id: 19990011 Status: Active	***NORTH HOLLYWOOD WELL***	***0 - 1/8 (0.000 mi.)***	***0***	***70***
LOCKHEED AIRCRAFT CO Facility Id: 19370189 Facility Id: 71002158 Status: Refer: RWQCB Status: Refer: Other Agency	***2555 NORTH HOLLYWOOD***	***NNE 1/8 - 1/4 (0.193 mi.)***	***O70***	***344***
LOCKHEED CORP./ENV S Facility Id: 71002403 Status: Refer: Other Agency	2550 N. HOLLYWOOD WA	NNE 1/8 - 1/4 (0.245 mi.)	R83	425
LOCKHEED AIR TERMINA Facility Id: 19450006 Status: Refer: RWQCB	***2627 NORTH HOLLYWOOD***	***NNW 1/4 - 1/2 (0.343 mi.)***	***99***	***467***
PROCESS CONTROL LABS Facility Id: 71003020 Status: Refer: Other Agency	***2520 N. ONTARIO ST.***	***NE 1/2 - 1 (0.512 mi.)***	***AC119***	***545***
CRANE AEROSPACE Facility Id: 60002807 Status: Active	***3000 WINONA AVE***	***NE 1/2 - 1 (0.532 mi.)***	***AD121***	***594***
JANCO CORPORATION Facility Id: 71002162 Status: Refer: Other Agency	***3111 WINONA AVE***	***NNE 1/2 - 1 (0.586 mi.)***	***122***	***622***
ALUMTREAT INC Facility Id: 80001642 Status: Certified O&M - Land Use Restrictions Only	***2905 WINONA AVE***	***NE 1/2 - 1 (0.651 mi.)***	***AE123***	***677***
PACIFIC AIRMOTIVE Facility Id: 19340723 Status: Refer: RWQCB	***2940 NORTH HOLLYWOOD***	***NNE 1/2 - 1 (0.659 mi.)***	***125***	***705***
WEST LA AREA STATION Facility Id: 80000367		NW 1/2 - 1 (0.677 mi.)	AF126	708

Status: Inactive - Needs Evaluation

STEVE'S PLATING CORP	***3111 N. SAN FERNANDO***	***NNE 1/2 - 1 (0.788 mi.)***	***129***	***737***
Facility Id: 71002229				
Status: Refer: Other Agency				
MARTIN AVIATION	***3000 CLYBOURN***	***NW 1/2 - 1 (0.885 mi.)***	***130***	***760***
Facility Id: 19760010				
Status: No Further Action				
HUGHEY & PHILLIPS IN	3050 CALIFORNIA STRE	NNE 1/2 - 1 (0.916 mi.)	AG131	764
Facility Id: 19360474				
Status: No Further Action				
BRASS PRODUCTION COM	3059-3063 NORTH CALI	NNE 1/2 - 1 (0.940 mi.)	AG132	766
Facility Id: 19330317				
Status: No Further Action				
MAGNA PLATING, INC.	***3063 NORTH CALIFORNI***	***NNE 1/2 - 1 (0.949 mi.)***	***AG133***	***767***
Facility Id: 71002197				
Status: Refer: Other Agency				
ADEL PRECISION PRODU		W 1/2 - 1 (0.994 mi.)	AH134	774
Facility Id: 80000977				
Status: Inactive - Needs Evaluation				

Lower Elevation	Address	Direction / Distance	Map ID	Page
MEL BERNIE & COMPANY	***3000 EMPIRE AVE***	***E 1/4 - 1/2 (0.330 mi.)***	***U95***	***443***
Facility Id: 71002422				
Status: Refer: Other Agency				
WESTERN PACIFIC CIRC	***2033 N LINCOLN***	***E 1/2 - 1 (0.764 mi.)***	***128***	***709***
Facility Id: 19360520				
Status: Refer: Other Agency				

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

CA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the CA SWF/LF list, as provided by EDR, has revealed that there is 1 CA SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOCKHEED AIRCRAFT	3100 WEST VICTORY BO	SE 1/4 - 1/2 (0.467 mi.)	118	545
Database: LOS ANGELES CO. LF, Date of Government Version: 01/13/2020				
Site ID: 1980				
Status: Closed				

State and tribal leaking storage tank lists

CA 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 CA LUST list, as provided by EDR, has revealed that there are 10 CA LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOCKHEED PLANT A-1	***2555 HOLLYWOOD WY N***	***NNE 1/8 - 1/4 (0.193 mi.)***	***O71***	***347***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/09/2019 Status: Completed - Case Closed Facility Id: 915200016 Status: Case Closed Global Id: T0603702542 Global ID: T0603702542				
LOCKHEED PLANT A-1-F	***2555 HOLLYWOOD WY***	***NNE 1/8 - 1/4 (0.193 mi.)***	***O74***	***364***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/09/2019 Status: Completed - Case Closed Facility Id: 052489-05 Status: Case Closed Global Id: T0603700080 Global ID: T0603700080				
LOCKHEED PLANT B-1	***17505 VICTORY PL***	***NNE 1/8 - 1/4 (0.211 mi.)***	***O78***	***404***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/09/2019 Status: Completed - Case Closed Facility Id: 915200034A Facility Id: 915200034 Status: Leak being confirmed Status: Case Closed Global Id: T0603702544 Global ID: T0603702545				
CHEVRON #9-0839	***2650 HOLLYWOOD WY N***	***NNE 1/4 - 1/2 (0.349 mi.)***	***W100***	***479***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/09/2019 Status: Completed - Case Closed Facility Id: 915040089 Facility Id: 915040089A Status: Case Closed Global Id: T0603702512 Global Id: T0603702513 Global ID: T0603702512 Global ID: T0603702513				
MERCURY AIR SERVICES	***4331 EMPIRE AVE W***	***WNW 1/4 - 1/2 (0.441 mi.)***	***111***	***512***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/09/2019 Status: Completed - Case Closed Facility Id: 915050207 Status: Leak being confirmed				

Global Id: T0603702531
Global ID: T0603702531

AIRCRAFT SERVICE INT ***2761 HOLLYWOOD WAY*** ***N 1/4 - 1/2 (0.455 mi.)*** ***AB115*** ***518***
Database: LUST, Date of Government Version: 12/09/2019
Status: Completed - Case Closed
Global Id: T0603702530

LOCKHEED AIR TERMINA ***2761 HOLLYWOOD WAY*** ***N 1/4 - 1/2 (0.455 mi.)*** ***AB116*** ***528***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 915050198
Status: Case Closed
Global ID: T0603702530

Lower Elevation	Address	Direction / Distance	Map ID	Page

MOBIL #11-FD3 ***1951 HOLLYWOOD WY N*** ***S 1/4 - 1/2 (0.401 mi.)*** ***Y107*** ***503***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: LUST, Date of Government Version: 12/09/2019
Status: Completed - Case Closed
Facility Id: 915050234
Status: Case Closed
Global Id: T0603702535
Global ID: T0603702535

MASE'S UNOCAL SS#199 ***1976 HOLLYWOOD WAY*** ***SSE 1/4 - 1/2 (0.402 mi.)*** ***Y108*** ***507***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Facility Id: 915050189
Status: Case Closed
Global ID: T0603702529

TOSCO S.S. #1999 ***1976 HOLLYWOOD*** ***SSE 1/4 - 1/2 (0.402 mi.)*** ***Y109*** ***510***
Database: LUST, Date of Government Version: 12/09/2019
Status: Completed - Case Closed
Global Id: T0603702529

CA 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 CA CPS-SLIC list, as provided by EDR, has revealed that there are 22 CA CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page

LOCKHEED AIRCRAFT CO ***2555 NORTH HOLLYWOOD*** ***NNE 1/8 - 1/4 (0.193 mi.)*** ***O70*** ***344***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Open - Eligible for Closure
Global Id: SL603798649

LOCKHEED A-1, B85, L ***3220 W THORTON*** ***NE 1/4 - 1/2 (0.331 mi.)*** ***V97*** ***464***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Open - Site Assessment
Global Id: SL603798630

LOCKHEED A-1 EAST, B ***3110 W THORNTON AVE*** ***NE 1/4 - 1/2 (0.341 mi.)*** ***V98*** ***466***
Database: CPS-SLIC, Date of Government Version: 12/09/2019

Facility Status: Completed - Case Closed
Global Id: SL603798650

DUNLAP ABBOTT CHALCO ***2323 VALLEY ST*** ***WNW 1/4 - 1/2 (0.351 mi.)*** ***X102*** ***485***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: T10000004727

ABBY RENTS ***2333 N VALLEY ST*** ***WNW 1/4 - 1/2 (0.355 mi.)*** ***X103*** ***491***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL603798628

FORMER LOCKHEED PLAN ***4207 EMPIRE AVENUE*** ***WNW 1/4 - 1/2 (0.368 mi.)*** ***104*** ***492***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL603798652

PREMIER SUEDE & LEAT ***2708 HOLLYWOOD*** ***NNE 1/4 - 1/2 (0.379 mi.)*** ***W105*** ***497***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL0603774775

BONDED SERVICES ***3205 BURTON AVE*** ***NE 1/4 - 1/2 (0.401 mi.)*** ***106*** ***500***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL603798609

ALIGN-RITE INTERNATI ***2422-2428 NORTH ONTA*** ***NE 1/4 - 1/2 (0.428 mi.)*** ***Z110*** ***512***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: T10000004292

FORMER TWISS HEATING ***2503 NORTH ONTARIO B*** ***NE 1/4 - 1/2 (0.452 mi.)*** ***Z114*** ***517***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Open - Inactive
Global Id: SL0603794714

VALLEY ENAMELING COR ***2509 NORTH ONTARIO S*** ***NE 1/4 - 1/2 (0.463 mi.)*** ***AC117*** ***529***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL603798627

Lower Elevation	Address	Direction / Distance	Map ID	Page

LEE FILTERS ***2237 HOLLYWOOD WAY*** ***SSE 0 - 1/8 (0.084 mi.)*** ***G27*** ***158***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL603798589

BUDGET RENT A CAR ***2220 N HOLLYWOOD WAY*** ***SE 0 - 1/8 (0.088 mi.)*** ***G32*** ***242***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL603798635

LOCKHEED A-1 EAST ***3401 W EMPIRE AVE*** ***NE 0 - 1/8 (0.092 mi.)*** ***I34*** ***244***
Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Open - Site Assessment
Global Id: SL603798651

TECHNICAL METAL FINI ***3401 PACIFIC AVENUE*** ***SE 1/8 - 1/4 (0.148 mi.)*** ***L53*** ***273***
Database: CPS-SLIC, Date of Government Version: 12/09/2019

Facility Status: Open - Site Assessment
Global Id: T10000011737

EI DUPONT DENEMOURS	***3300 PACIFIC AVE***	***SE 1/8 - 1/4 (0.202 mi.)***	***77***	***399***

Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL603798636

U.S. LABEL CORP.	***3100 W. VANOWEN ST***	***E 1/8 - 1/4 (0.248 mi.)***	***Q88***	***430***

Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL603798597

THE PATRICK TATOPOUL	***1951 ONTARIO ST***	***ESE 1/4 - 1/2 (0.251 mi.)***	***T92***	***436***

Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL603798608

SIERRACIN-HARRISON	***3020 EMPIRE***	***E 1/4 - 1/2 (0.304 mi.)***	***U94***	***438***

Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Open - Inactive
Global Id: SL603798623

ACCESSORY PLATING	***3000 W EMPIRE AVE***	***E 1/4 - 1/2 (0.330 mi.)***	***U96***	***454***

Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL603798599

JAY-DEE AIRCRAFT SUP	***2921 THORNTON AVE***	***NE 1/4 - 1/2 (0.449 mi.)***	***AA112***	***515***

Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL603798593

JAY DEE AIRCRAFT SUP	***2917 THORNTON AVE***	***NE 1/4 - 1/2 (0.449 mi.)***	***AA113***	***516***

Database: CPS-SLIC, Date of Government Version: 12/09/2019
Facility Status: Completed - Case Closed
Global Id: SL603798592

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AVAIRPROS SERVICES	2501 N HOLLYWOOD WAY	NNE 1/8 - 1/4 (0.177 mi.)	O66	335

Database: UST, Date of Government Version: 12/09/2019
Facility Id: LACoFA0047248

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOGIX FEDERAL CREDIT	2340 N HOLLYWOOD WAY	E 0 - 1/8 (0.064 mi.)	E21	146

Database: UST, Date of Government Version: 12/09/2019

Facility Id: 2340
Facility Id: 00246

CA AST: A listing of aboveground storage tank petroleum storage tank locations.

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AVAIRPROS SERVICES	2501 N HOLLYWOOD WAY	NNE 1/8 - 1/4 (0.177 mi.)	O62	324
Database: AST, Date of Government Version: 07/06/2016				

Lower Elevation	Address	Direction / Distance	Map ID	Page
M DAVID PAUL & ASSOC	3333 EMPIRE AVE	ENE 0 - 1/8 (0.102 mi.)	J39	252
Database: AST, Date of Government Version: 07/06/2016				

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 are 2 CA HIST Cal-Sites sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN FERNANDO VALLEY	***CRYSTAL SPRINGS WELL***	***SSE 1/2 - 1 (0.974 mi.)***	***0***	***30***
SAN FERNANDO VALLEY	***NORTH HOLLYWOOD WELL***	***0 - 1/8 (0.000 mi.)***	***0***	***70***

CA 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 CA CERS HAZ WASTE list, as provided by EDR, and dated 01/21/2020 has revealed that there are 8 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MIDNIGHT OIL AGENCY,	***3800 VANOWEN ST***	***NW 0 - 1/8 (0.080 mi.)***	***F25***	***149***
EHI BUR CONRAC	***2501 N HOLLYWOOD WAY***	***NNE 1/8 - 1/4 (0.177 mi.)***	***O64***	***326***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NAT'L GUARD REPAIR G	***3800 VALHALLA DR***	***WSW 0 - 1/8 (0.029 mi.)***	***D15***	***117***
COLOR WEST INC	***2228 N HOLLYWOOD WAY***	***SE 0 - 1/8 (0.086 mi.)***	***H28***	***162***
NASMYTH TMF INC	***3405 W PACIFIC AVE***	***SE 1/8 - 1/4 (0.137 mi.)***	***L48***	***263***
QUANTUM CREATION FX	***3210 W VALHALLA DR***	***ESE 1/8 - 1/4 (0.162 mi.)***	***M58***	***317***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCREEN GRAPHICS CO.	***3216 VALHALLA DR***	***E 1/8 - 1/4 (0.191 mi.)***	***M69***	***338***
BICO, INC.	***3116 VALHALLA DR***	***E 1/8 - 1/4 (0.248 mi.)***	***T90***	***432***

CA PFAS: A listing of PFAS contaminated sites included in the GeoTracker database.

A review of the CA PFAS list, as provided by EDR, and dated 12/09/2019 has revealed that there is 1 CA PFAS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BOB HOPE	***2627 HOLLYWOOD WAY***	***NNE 1/4 - 1/2 (0.295 mi.)***	***93***	***437***

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOCKHEED PLANT A-1 Status: A Tank Status: A Comp Number: 9780	***2555 HOLLYWOOD WY N***	***NNE 1/8 - 1/4 (0.193 mi.)***	***O71***	***347***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NAT'L GUARD REPAIR G Status: A Tank Status: A Comp Number: 14265	***3800 VALHALLA DR***	***WSW 0 - 1/8 (0.029 mi.)***	***D15***	***117***
LOCKHEED FEDERAL CRE Status: A Tank Status: A Comp Number: 2340	2340 HOLLYWOOD WAY	E 0 - 1/8 (0.064 mi.)	E20	146
BUDGET RENT A CAR Status: A Tank Status: A Comp Number: 10110	***2220 N HOLLYWOOD WAY***	***SE 0 - 1/8 (0.088 mi.)***	***G33***	***244***
ARTISANS BRASS PRODU Status: A Comp Number: 13463	3519 W PACIFIC AVE	SSE 1/8 - 1/4 (0.127 mi.)	G44	256
ST. JOSEPH HOSPITAL Status: A Tank Status: A	3413 PACIFIC AVE	SE 1/8 - 1/4 (0.144 mi.)	L50	270

Comp Number: 10144

U S POST OFFICE BURB	***2140 N HOLLYWOOD WAY***	***SSE 1/8 - 1/4 (0.172 mi.)***	***P61***	***321***
Status: A				
Tank Status: A				
Comp Number: 10631				

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOCKHEED-CALIFORNIA	2555 NO HOLLYWOOD WA	NNE 1/8 - 1/4 (0.193 mi.)	O75	372
Facility Id: 00000046944				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ORGANIZATIONAL MAINT	3800 W VALHALLA DR	WSW 0 - 1/8 (0.029 mi.)	D14	116
Facility Id: 00000061240				
NAT'L GUARD REPAIR G	***3800 VALHALLA DR***	***WSW 0 - 1/8 (0.029 mi.)***	***D15***	***117***
BURBANK OMS 13	3800 VACHALLA DRIVE	WSW 0 - 1/8 (0.087 mi.)	30	241
Facility Id: 00000061166				
BUDGET RENT A CAR	***2220 N HOLLYWOOD WAY***	***SE 0 - 1/8 (0.088 mi.)***	***G32***	***242***
Facility Id: 00000003953				
AT&T INFORMATION SYS	3413 W PACIFIC AVE	SSE 1/8 - 1/4 (0.126 mi.)	G41	253
Facility Id: 00000004922				
ST JOSEPH HOSPITAL	***3413 PACIFIC AVE***	***SE 1/8 - 1/4 (0.144 mi.)***	***L49***	***270***
U S POST OFFICE BURB	***2140 N HOLLYWOOD WAY***	***SSE 1/8 - 1/4 (0.172 mi.)***	***P61***	***321***
Facility Id: 00000066518				

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOCKHEED PLANT A-1	***2555 HOLLYWOOD WY N***	***NNE 1/8 - 1/4 (0.193 mi.)***	***O71***	***347***
Facility Id: 19000989				
Status: A				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BUDGET RENT A CAR	***2220 N HOLLYWOOD WAY***	***SE 0 - 1/8 (0.088 mi.)***	***G33***	***244***
Facility Id: 19055196				
Status: A				

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EHI BUR CONRAC	***2501 N HOLLYWOOD WAY***	***NNE 1/8 - 1/4 (0.177 mi.)***	***O64***	***326***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOCKEED FEDERAL CRED	***2340 N HOLLYWOOD WAY***	***E 0 - 1/8 (0.064 mi.)***	***E19***	***139***
MSN III AND IV, LLC	***3333 EMPIRE AVE***	***ENE 0 - 1/8 (0.102 mi.)***	***J37***	***248***

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/16/2019 has revealed that there are 14 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MIDNIGHT OIL AGENCY EPA ID:: CAR000002964	3800 W. VANOWEN ST	NW 0 - 1/8 (0.082 mi.)	F26	156
FOX RENT A CAR - BUR EPA ID:: CAL000425946	2501 N HOLLYWOOD WAY	NNE 1/8 - 1/4 (0.177 mi.)	O63	325
EHI BUR CONRAC EPA ID:: CAL000399401	2501 N HOLLYWOOD WAY	NNE 1/8 - 1/4 (0.177 mi.)	O65	334
AVIS RENT A CAR SYST EPA ID:: CAL000400597	2501 N HOLLYWOOD WAY	NNE 1/8 - 1/4 (0.177 mi.)	O67	336
HERTZ RAC 1102 EPA ID:: CAL000414436	2501 N HOLLYWOOD WAY	NNE 1/8 - 1/4 (0.177 mi.)	O68	337
LOCKHEED CAL. COMPAN EPA ID:: CAD008255283	***2555 N. HOLLYWOOD WA***	***NNE 1/8 - 1/4 (0.193 mi.)***	***O72***	***359***
US HEALTHWORKS MEDIC EPA ID:: CAL000424959	2550 N HOLLYWOOD WAY	NNE 1/8 - 1/4 (0.245 mi.)	R84	426
FORTIN LAMINATING CO EPA ID:: CAT080013303	***4114 VANOWEN PL***	***WNW 1/8 - 1/4 (0.247 mi.)***	***S86***	***428***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FINAL FILM EPA ID:: CAL000373517	3620 W VALHALLA DR	SW 0 - 1/8 (0.010 mi.)	B11	113
NAT'L GUARD REPAIR G EPA ID:: CAD981368962	***3800 VALHALLA DR***	***WSW 0 - 1/8 (0.029 mi.)***	***D15***	***117***
HASBRO	3333 W EMPIRE AVE	ENE 0 - 1/8 (0.102 mi.)	J38	251

EPA ID:: CAL000420843				
BUDDYS ALLSTARS INC EPA ID:: CAL000344670	3216 W VALHALLA DR	ESE 1/8 - 1/4 (0.149 mi.)	M54	286
LOCKHEED AERONAUTICA EPA ID:: CAD982503880	U20 2130 N HOLLYWOOD	SSE 1/8 - 1/4 (0.244 mi.)	82	424
US LABEL CORP EPA ID:: CAL000104440	3100 W VAN OWEN ST	E 1/8 - 1/4 (0.248 mi.)	Q89	431

FUDS: 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.

A review of the FUDS list, as provided by EDR, and dated 11/12/2019 has revealed that there are 3 FUDS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VEGA AIRCRAFT		NNE 0 - 1/8 (0.077 mi.)	24	149
WEST LA AREA STATION		NW 1/2 - 1 (0.678 mi.)	AF127	709
ADEL PRECISION PRODU		W 1/2 - 1 (0.997 mi.)	AH135	775

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 01/30/2020 has revealed that there are 2 ROD sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN FERNANDO VALLEY EPA ID:: CAD980894901	***CRYSTAL SPRINGS WELL***	***SSE 1/2 - 1 (0.974 mi.)***	***0***	***30***
SAN FERNANDO VALLEY EPA ID:: CAD980894893	***NORTH HOLLYWOOD WELL***	***0 - 1/8 (0.000 mi.)***	***0***	***70***

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 12/31/2019 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN FERNANDO VALLEY	***NORTH HOLLYWOOD WELL***	***0 - 1/8 (0.000 mi.)***	***0***	***70***

CA BOND EXP. 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.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there is 1 CA BOND EXP. PLAN site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOCKHEED-BURBANK PLA	2555 NO. HOLLYWOOD W	NNE 1/8 - 1/4 (0.193 mi.)	O73	363

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 12/18/2019 has revealed that there is 1 CA Cortese site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SAN FERNANDO VALLEY Envirostor Id: 19990011 Cleanup Status: ACTIVE	***NORTH HOLLYWOOD WELL***	***0 - 1/8 (0.000 mi.)***	***0***	***70***

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOCKHEED PLANT A-1-F Reg Id: 915200016	***2555 HOLLYWOOD WY***	***NNE 1/8 - 1/4 (0.193 mi.)***	***O74***	***364***
LOCKHEED PLANT B-1 Reg Id: 915200034 Reg Id: 915200034A	***17505 VICTORY PL***	***NNE 1/8 - 1/4 (0.211 mi.)***	***O78***	***404***
CHEVRON #9-0839 Reg Id: 915040089 Reg Id: 915040089A	2650 HOLLYWOOD	NNE 1/4 - 1/2 (0.349 mi.)	W101	485
DUNLAP ABBOTT CHALCO Reg Id: 2942	***2323 VALLEY ST***	***WNW 1/4 - 1/2 (0.351 mi.)***	***X102***	***485***
MERCURY AIR SERVICES Reg Id: 915050207	***4331 EMPIRE AVE W***	***WNW 1/4 - 1/2 (0.441 mi.)***	***111***	***512***
AIRCRAFT SERVICE INT Reg Id: 915050198	***2761 HOLLYWOOD WAY***	***N 1/4 - 1/2 (0.455 mi.)***	***AB115***	***518***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MOBIL #11-FD3 Reg Id: 915050234 Reg Id: 2576	***1951 HOLLYWOOD WY N***	***S 1/4 - 1/2 (0.401 mi.)***	***Y107***	***503***
TOSCO S.S. #1999 Reg Id: 915050189	***1976 HOLLYWOOD***	***SSE 1/4 - 1/2 (0.402 mi.)***	***Y109***	***510***

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 11/18/2019 has revealed that there are 2 CA HWP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CRANE AEROSPACE HYDR EPA Id: CAD008388720 Cleanup Status: CLOSED	***3000 WINONA AVE***	***NE 1/2 - 1 (0.532 mi.)***	***AD120***	***579***
ALUMTREAT INC EPA Id: CAD983566902 EPA Id: CAD009561911 Cleanup Status: CLOSED	***2905 WINONA AVE***	***NE 1/2 - 1 (0.651 mi.)***	***AE123***	***677***

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 01/01/2019 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
COLOR WEST INC EPA ID: CAD982522948	***2228 N HOLLYWOOD WAY***	***SE 0 - 1/8 (0.086 mi.)***	***H28***	***162***

CA WIP: Well Investigation Program case in the San Gabriel and San Fernando Valley area.

A review of the CA WIP list, as provided by EDR, and dated 07/03/2009 has revealed that there are 32 CA WIP sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BURBANK AIRPORT HILT Facility Status: Historical	2500 HOLLYWOOD WAY	NNE 1/8 - 1/4 (0.168 mi.)	O60	320
LOCKHEED PLANT A-1 Facility Status: Active	***2555 HOLLYWOOD WY N***	***NNE 1/8 - 1/4 (0.193 mi.)***	***O71***	***347***
AIRCRAFT GOVERNOR IN Facility Status: Historical	4110 VANOWEN PL	WNW 1/8 - 1/4 (0.246 mi.)	S85	427
FORTING LAMINATING C Facility Status: Historical	4114 VANOWEN PL	WNW 1/8 - 1/4 (0.247 mi.)	S87	430
WOODPECKERS INC Facility Status: Historical	***4111 VANOWEN PL***	***WNW 1/8 - 1/4 (0.249 mi.)***	***S91***	***435***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TD QUILTING MACHINER Facility Status: Historical	3640 VALHALLA DR	SW 0 - 1/8 (0.009 mi.)	B10	113
QUANTEGY INC Facility Status: Historical	***3520 VALHALLA DR***	***SE 0 - 1/8 (0.010 mi.)***	***C12***	***115***
CHEN ENGINEERING & S	***3540 VALHALLA DR***	***SSE 0 - 1/8 (0.010 mi.)***	***C13***	***115***

Facility Status: Historical				
NAT'L GUARD REPAIR G	***3800 VALHALLA DR***	***WSW 0 - 1/8 (0.029 mi.)***	***D15***	***117***
Facility Status: Historical				
TYLIE JONES AND ASSO	2240 SCREENLAND DR	SSW 0 - 1/8 (0.043 mi.)	B17	126
Facility Status: Historical				
CONSOLIDATED ROUTING	***3310 VANOWEN ST***	***ENE 0 - 1/8 (0.076 mi.)***	***E23***	***148***
Facility Status: Historical				
LEE FILTERS	***2237 HOLLYWOOD WAY***	***SSE 0 - 1/8 (0.084 mi.)***	***G27***	***158***
Facility Status: Backlog				
COLOR WEST	2228 HOLLYWOOD WAY	SE 0 - 1/8 (0.086 mi.)	H29	240
Facility Status: Historical				
BUDGET RENT-A-CAR	***2220 N HOLLYWOOD WAY***	***SE 0 - 1/8 (0.088 mi.)***	***G31***	***242***
Facility Status: Backlog				
LOCKHEED A-1 EAST	***3401 W EMPIRE AVE***	***NE 0 - 1/8 (0.092 mi.)***	***I34***	***244***
Facility Status: Historical				
BUILD REHAB INDUSTRI	2205 HOLLYWOOD WAY	SSE 0 - 1/8 (0.096 mi.)	G36	248
Facility Status: Historical				
SIMCO CORPORATION	2201 HOLLYWOOD WAY	SSE 0 - 1/8 (0.115 mi.)	G40	253
Facility Status: Historical				
JOHANSON DIELECTRICS	3515 W PACIFIC AVE	SSE 1/8 - 1/4 (0.127 mi.)	G42	254
Facility Status: Historical				
HURST LABELING SYSTE	3625 W PACIFIC AVE	S 1/8 - 1/4 (0.128 mi.)	K45	256
Facility Status: Historical				
GLOBAL CONSUMER SERV	3607 W PACIFIC AVE	S 1/8 - 1/4 (0.128 mi.)	K46	257
Facility Status: Historical				
FEDERAL EXPRESS	3405 PACIFIC AVE	SE 1/8 - 1/4 (0.146 mi.)	L51	272
Facility Status: Historical				
POLY-CRAFT SYS-DIV.	***3403 PACIFIC AVE***	***SE 1/8 - 1/4 (0.147 mi.)***	***L52***	***272***
Facility Status: Historical				
TECHNICAL METAL FINI	***3401 PACIFIC AVENUE***	***SE 1/8 - 1/4 (0.148 mi.)***	***L53***	***273***
Facility Status: Historical				
TRIBAL SCENERY	***3216 VANOWEN ST***	***E 1/8 - 1/4 (0.158 mi.)***	***N57***	***291***
Facility Status: Historical				
WALTON EMMICK	***3210 VANOWEN ST***	***E 1/8 - 1/4 (0.164 mi.)***	***N59***	***320***
Facility Status: Historical				
SCREEN GRAPHICS CO.	***3216 VALHALLA DR***	***E 1/8 - 1/4 (0.191 mi.)***	***M69***	***338***
Facility Status: Historical				
ASSURED TRANSPORT &	***3210 VALHALLA DR***	***E 1/8 - 1/4 (0.194 mi.)***	***M76***	***398***
Facility Status: Historical				
EI DUPONT DENEMOURS	***3300 PACIFIC AVE***	***SE 1/8 - 1/4 (0.202 mi.)***	***77***	***399***
Facility Status: Backlog				
MODE O'DAY	2130 HOLLYWOOD WAY	SSE 1/8 - 1/4 (0.213 mi.)	P80	409
Facility Status: Historical				
DISC GRAPHICS	***3116 VANOWEN ST***	***E 1/8 - 1/4 (0.220 mi.)***	***Q81***	***410***
Facility Status: Historical				
U.S. LABEL CORP.	***3100 W. VANOWEN ST***	***E 1/8 - 1/4 (0.248 mi.)***	***Q88***	***430***

Facility Status: Backlog

BICO, INC.	***3116 VALHALLA DR***	***E 1/8 - 1/4 (0.248 mi.)***	***T90***	***432***

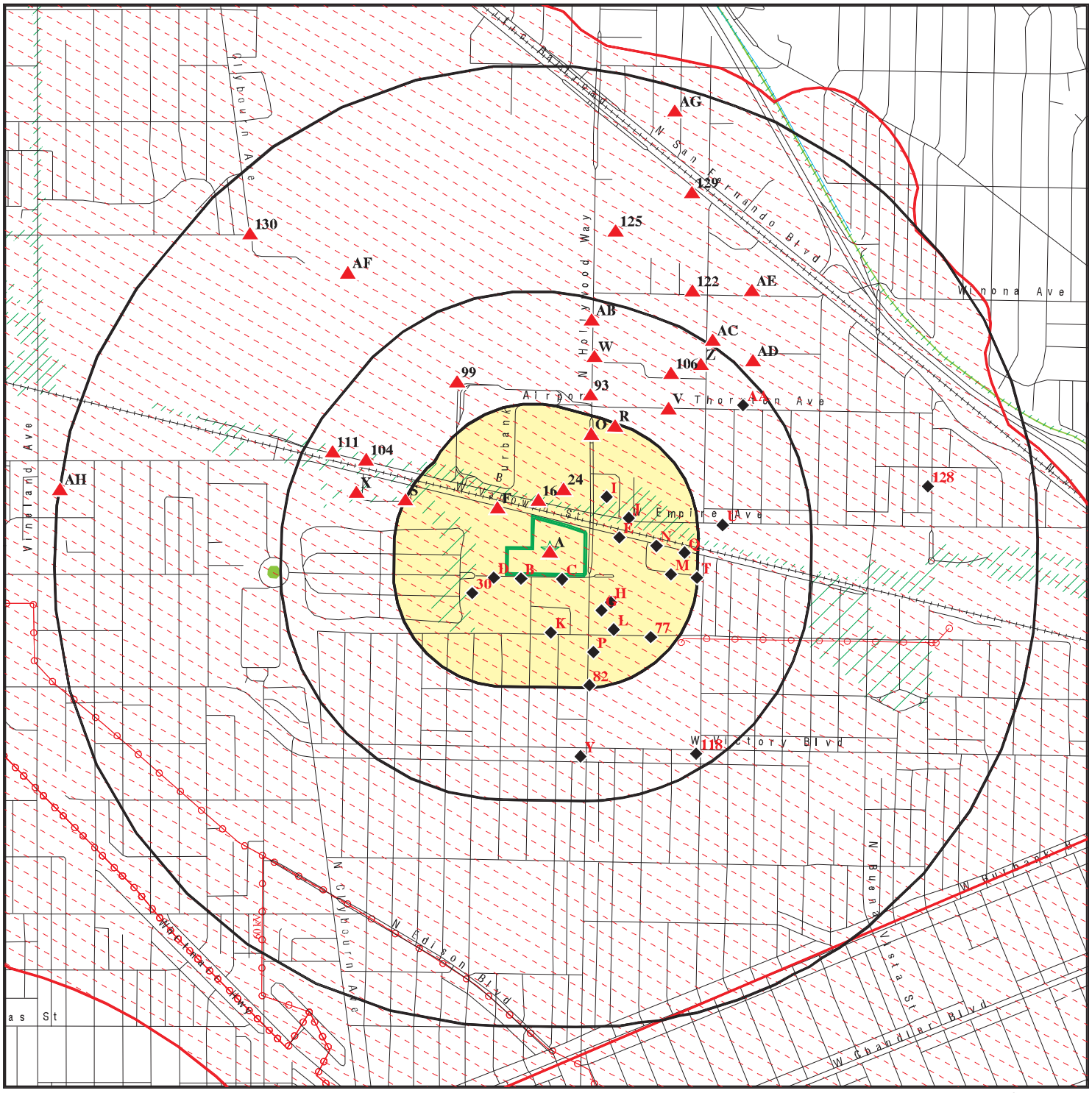
Facility Status: Historical

EXECUTIVE SUMMARY

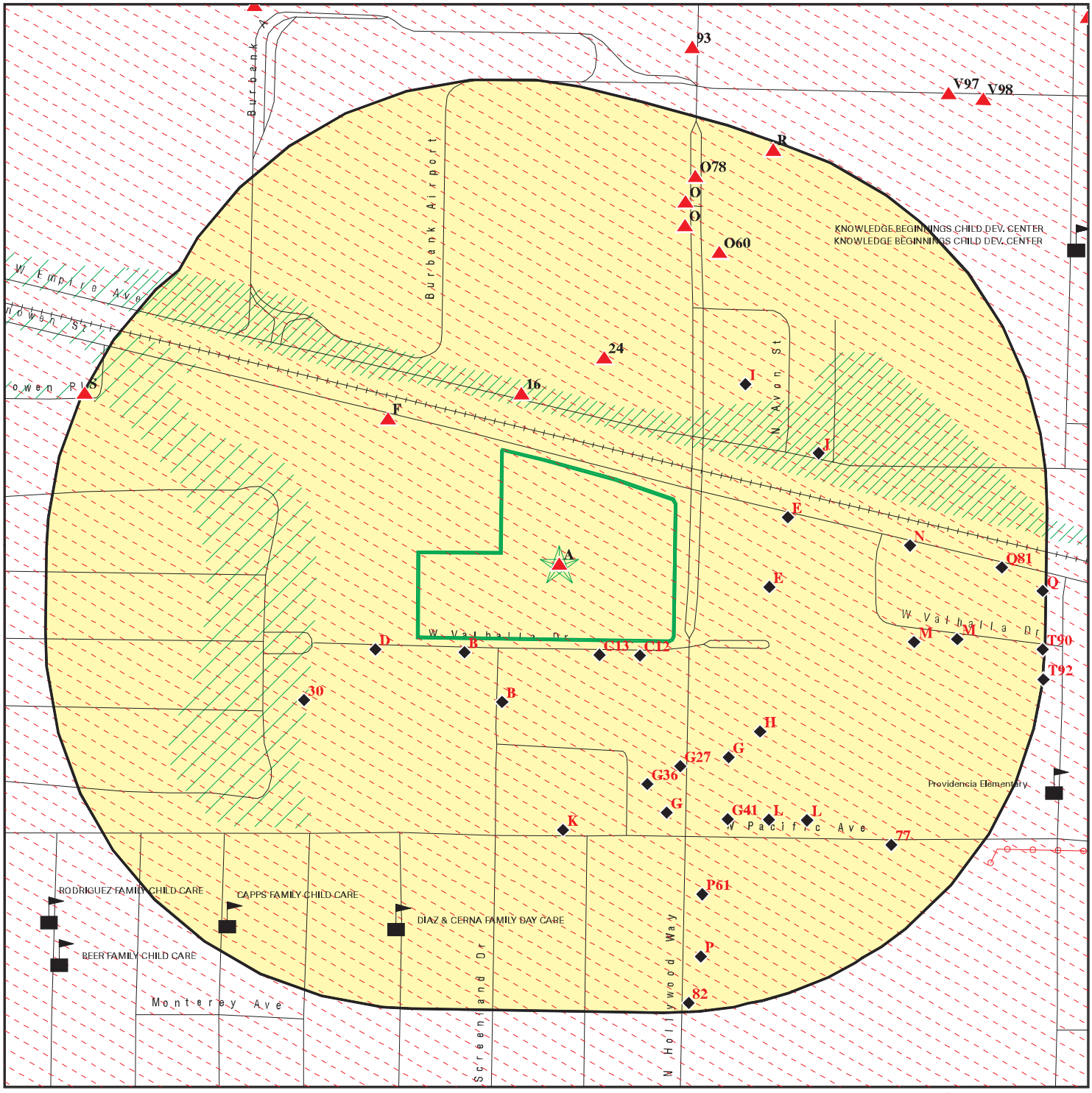
Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
SAN FERNANDO VALLEY GROUND WATER B	CA CHMIRS, CA BOND EXP. PLAN

OVERVIEW MAP - 6036912.2S


AG
129
125
130
AF
122
AE
AB
AC
W
Z
AD
106
99
93
V
AA
O
R
111
104
AH
X
S
16
24
I
J
E
A
M
T
B
C
30
H
K
L
77
P
82
Y
118
128
Victory Blvd
Empire Ave
Thornton Ave
Winona Ave
Burbank Airport
Hollywood Way
San Fernando Blvd
Glenoaks Blvd
Verdugo Rd
Vista St
Chandler Blvd
Edison Blvd
Cleveland Ave
Burbank

DETAIL MAP - 6036912.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- 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: 2311 N Hollywood Way	CLIENT: Partner Engineering and Science, Inc.
ADDRESS: 2311 N Hollywood Way BURBANK CA 91505	CONTACT: Angie Lessire
LAT/LONG: 34.19104 / 118.350529	INQUIRY #: 6036912.2s DATE: April 09, 2020 4:15 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		1	0	0	1	NR	2
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		1	0	0	NR	NR	1
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	1	0	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	1	NR	1
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	2	NR	NR	NR	2
RCRA-SQG	0.250		5	6	NR	NR	NR	11
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		1	0	0	NR	NR	1
US INST CONTROLS	0.500		1	0	0	NR	NR	1
Federal ERNS list								
ERNS	TP		NR	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		1	2	2	14	NR	19
State and tribal landfill and/or solid waste disposal site lists								
CA SWF/LF	0.500		0	0	1	NR	NR	1
State and tribal leaking storage tank lists								
CA LUST	0.500		0	3	7	NR	NR	10

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 CPS-SLIC	0.500	1	3	4	15	NR	NR	23
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		1	1	NR	NR	NR	2
CA AST	0.250		1	1	NR	NR	NR	2
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	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
CA AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		1	0	0	1	NR	2
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	TP	1	NR	NR	NR	NR	NR	1
CA CERS HAZ WASTE	0.250	1	3	5	NR	NR	NR	9
CA Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
CA PFAS	0.500		0	0	1	NR	NR	1
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250	1	3	4	NR	NR	NR	8
CA HIST UST	0.250		4	4	NR	NR	NR	8
CA FID UST	0.250	1	1	1	NR	NR	NR	3
CA CERS TANKS	0.250		2	1	NR	NR	NR	3
Local Land Records								
CA LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CA CHMIRS	TP		NR	NR	NR	NR	NR	0
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	2	4	10	NR	NR	NR	16
FUDS	1.000		1	0	0	2	NR	3
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		1	0	0	1	NR	2
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		1	0	0	0	NR	1
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	2	NR	NR	NR	NR	NR	2
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP	2	NR	NR	NR	NR	NR	2
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	1	0	0	NR	1
CA Cortese	0.500		1	0	0	NR	NR	1
CA CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA EMI	TP		NR	NR	NR	NR	NR	0
CA ENF	TP	1	NR	NR	NR	NR	NR	1
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA HAZNET	TP	2	NR	NR	NR	NR	NR	2
CA ICE	TP		NR	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		0	2	6	NR	NR	8
CA LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
CA HWP	1.000		0	0	0	2	NR	2
CA HWT	0.250		0	0	NR	NR	NR	0
NY MANIFEST	0.250		1	0	NR	NR	NR	1
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	TP		NR	NR	NR	NR	NR	0
CA PEST LIC	TP		NR	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
CA UIC	TP		NR	NR	NR	NR	NR	0
CA UIC GEO	TP		NR	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA WIP	0.250	1	12	20	NR	NR	NR	33
CA MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
CA PROJECT	TP		NR	NR	NR	NR	NR	0
CA WDR	TP		NR	NR	NR	NR	NR	0
CA CIWQS	TP		NR	NR	NR	NR	NR	0
CA CERS	TP	1	NR	NR	NR	NR	NR	1
CA NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
CA OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
CA PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
CA SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
CA WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
CA LOS ANGELES CO LF METHANE	0.500		0	0	0	NR	NR	0
CA HWTS	TP	3	NR	NR	NR	NR	NR	3
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
CA RGA LF	TP		NR	NR	NR	NR	NR	0
CA RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		19	50	68	32	23	0	192

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 LOCKHEED AERONAUTICAL SYSTEMS COMPANY **RCRA NonGen / NLR** **1000270336**
Target 2311 N HOLLYWOOD WAY **FINDS** **CAD982504052**
Property BURBANK, CA 91505 **ECHO**

Site 1 of 9 in cluster A

Actual: 673 ft.

RCRA NonGen / NLR:

Date form received by agency:	1998-02-04 00:00:00.0
Facility name:	LOCKHEED AERONAUTICAL SYSTEMS COMPANY
Facility address:	2311 N HOLLYWOOD WAY BURBANK, CA 91505
EPA ID:	CAD982504052
Contact:	R N HELGERSON
Contact address:	2550 N HOLLYWOOD WY STE 305 BURBANK, CA 91505-1055
Contact country:	US
Contact telephone:	818-847-0501
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:	LOCKHEED 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

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

LOCKHEED AERONAUTICAL SYSTEMS COMPANY (Continued) **1000270336**

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: 1996-01-30 00:00:00.0
Site name: FORMER LOCKHEED PLANT A-1 SOUTH
Classification: Large Quantity Generator

Date form received by agency: 1996-01-24 00:00:00.0
Site name: LOCKHEED AERONAUTICAL SYSTEMS COMPANY
Classification: Not a generator, verified

Date form received by agency: 1996-01-24 00:00:00.0
Site name: LOCKHEED AERONAUTICAL SYSTEMS COMPANY
Classification: Not a generator, verified

Date form received by agency: 1992-03-31 00:00:00.0
Site name: LOCKHEED AERONAUTICAL SYSTEMS COMPANY
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110009546955
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009546955

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: 1000270336
Registry ID: 110009546955
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009546955
Name: LOCKHEED AERONAUTICAL SYSTEMS COMPANY
Address: 2311 N HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505

A2 Target Property — **LOCKHEED MARTIN CORPORATION**, **B76-76A 2311 N HOLLYWOOD WY**, **BURBANK, CA 91505**

CA HAZNET **S113016997**
CA HWTS **N/A**

Site 2 of 9 in cluster A

Actual: 673 ft.

HAZNET:

Name:	LOCKHEED MARTIN CORPORATION
Address:	B76-76A 2311 N HOLLYWOOD WY
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915050000
Contact:	R N HELGERSON
Telephone:	8188476927
Mailing Name:	Not reported
Mailing Address:	2550 N HOLLYWOOD WAY STE 301
Year:	1995
Gepaid:	CAD982504052
TSD EPA ID:	CAD000633614
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	D80 - Disposal, Land Fill
Tons:	209.25
Year:	1995
Gepaid:	CAD982504052
TSD EPA ID:	UTD981552177
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	T03 - Treatment, Incineration
Tons:	207.45
Year:	1995
Gepaid:	CAD982504052
TSD EPA ID:	UTD981552177
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	-
Tons:	106.57
Year:	1995
Gepaid:	CAD982504052
TSD EPA ID:	CAD000633164
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	D80 - Disposal, Land Fill
Tons:	622.6128
Year:	1994
Gepaid:	CAD982504052
TSD EPA ID:	CAD067786749
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	58.996
Year:	1993
Gepaid:	CAD982504052
TSD EPA ID:	CAD067786749
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	167.7172
Year:	1992

LOCKHEED MARTIN CORPORATION (Continued) **S113016997**

Gepaid:	CAD982504052
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	3.336
Year:	1992
Gepaid:	CAD982504052
TSD EPA ID:	CAT080013352
CA Waste Code:	241 - Tank bottom waste
Disposal Method:	R01 - Recycler
Tons:	5.004
Year:	1991
Gepaid:	CAD982504052
TSD EPA ID:	CAT080010101
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H01 - Transfer Station
Tons:	0.1251
Year:	1991
Gepaid:	CAD982504052
TSD EPA ID:	CAT080010101
CA Waste Code:	741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method:	H01 - Transfer Station
Tons:	0.05

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

Additional Info:

Year:	1993
Gen EPA ID:	CAD982504052
Shipment Date:	19931229
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931229
Manifest ID:	91662365
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD067786749
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD067786749
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	46.354
Waste Quantity:	55
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

LOCKHEED MARTIN CORPORATION (Continued) **S113016997**

Additional Code 5:	Not reported
Shipment Date:	19931209
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931210
Manifest ID:	91662339
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD067786749
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD067786749
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	58.996
Waste Quantity:	70
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:	19931207
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931208
Manifest ID:	90841579
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD067786749
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD067786749
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	62.3672
Waste Quantity:	74
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:	CAD982504052
Shipment Date:	19940208
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940208

LOCKHEED MARTIN CORPORATION (Continued) **S113016997**

Manifest ID:	91662373
Trans EPA ID:	CAD000048934
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD067786749
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD067786749
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	58.996
Waste Quantity:	70
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:	1995
Gen EPA ID:	CAD982504052
Shipment Date:	19950504
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950504
Manifest ID:	93628636
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-ups
RCRA Code:	U210
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:	19950504
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950504
Manifest ID:	93628637
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

LOCKHEED MARTIN CORPORATION (Continued) **S113016997**

TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-ups
RCRA Code:	U210
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:	19950407
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950407
Manifest ID:	93628559
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-ups
RCRA Code:	U210
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	16.5
Waste Quantity:	33000
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:	19950407
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950407
Manifest ID:	93628606
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-ups
RCRA Code:	U210
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	22
Waste Quantity:	44000

LOCKHEED MARTIN CORPORATION (Continued) **S113016997**

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:	19950407
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950407
Manifest ID:	93628635
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-ups
RCRA Code:	U210
Disposal Method:	D80 - Disposal, Land Fill
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
Shipment Date:	19950407
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950407
Manifest ID:	93628557
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-ups
RCRA Code:	U210
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	22
Waste Quantity:	44000
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:	19950407
Creation Date:	3/29/1996 0:00:00

LOCKHEED MARTIN CORPORATION (Continued) **S113016997**

Receipt Date:	19950407
Manifest ID:	93628558
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-ups
RCRA Code:	U210
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	16.5
Waste Quantity:	33000
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:	19950407
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950407
Manifest ID:	93628633
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-ups
RCRA Code:	U210
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	22
Waste Quantity:	44000
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:	19950407
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950407
Manifest ID:	93628634
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164

LOCKHEED MARTIN CORPORATION (Continued) **S113016997**

TSDF Alt Name:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-ups
RCRA Code:	U210
Disposal Method:	D80 - Disposal, Land Fill
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
Shipment Date:	19950407
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950407
Manifest ID:	93628631
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000633164
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000633164
TSDF Alt Name:	Not reported
CA Waste Code:	611 - Contaminated soil from site clean-ups
RCRA Code:	U210
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	22
Waste Quantity:	44000
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:	LOCKHEED MARTIN CORPORATION
Address:	B76-76A 2311 N HOLLYWOOD WY
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915050000
EPA ID:	CAD982504052
Inactive Date:	06/30/1998
Create Date:	06/29/1990
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	2550 N HOLLYWOOD WAY STE 301
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURBANK, CA 915051055
Owner Name:	LOCKHEED MARTIN CORPORATION
Owner Address:	6801 ROCKLEDGE DR
Owner Address 2:	Not reported
Owner City,State,Zip:	BETHESDA, MD 208170000
Contact Name:	R N HELGERSON
Contact Address:	INACTIVE PER VQ98 - BMI
Contact Address 2:	Not reported

LOCKHEED MARTIN CORPORATION (Continued) **S113016997**

City,State,Zip: BURBANK, CA 915050000

NAICS:

EPA ID: CAD982504052
Create Date: 2002-03-14 16:36:27
NAICS Code: 3364
NAICS Description: Aerospace Product and Parts Manufacturing
Issued EPA ID Date: 1990-06-29 00:00:00
Inactive Date: 1998-06-30 00:00:00
Facility Name: LOCKHEED MARTIN CORPORATION
Facility Address: B76-76A 2311 N HOLLYWOOD WY
Facility Address 2: Not reported
Facility City: BURBANK
Facility County: 19
Facility State: CA
Facility Zip: 915050000

A3 **FRY'S ELECTRONICS** **CA HWTS** **S125545706**
Target **2311 N HOLLYWOOD WAY** **N/A**
Property **BURBANK, CA 91505**

Site 3 of 9 in cluster A

Actual:
673 ft.

HWTS:

Name: FRY'S ELECTRONICS
Address: 2311 N HOLLYWOOD WAY
Address 2: Not reported
City,State,Zip: BURBANK, CA 91505
EPA ID: CAL000449125
Inactive Date: Not reported
Create Date: 09/23/2019
Last Act Date: 09/25/2019
Mailing Name: Not reported
Mailing Address: 600 E BROKAW RD
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN JOSE, CA 95112
Owner Name: FRY'S ELECTRONICS INC
Owner Address: 600 E BROKAW RD
Owner Address 2: Not reported
Owner City,State,Zip: SAN JOSE, CA 95112
Contact Name: CESAR PEREZ
Contact Address: 2311 N HOLLYWOOD WAY
Contact Address 2: Not reported
City,State,Zip: BURBANK, CA 91505

NAICS:

EPA ID: CAL000449125
Create Date: 2019-09-23 08:10:53
NAICS Code: 443142
NAICS Description: Electronics Stores
Issued EPA ID Date: 2019-09-23 08:10:53
Inactive Date: Not reported
Facility Name: FRY'S ELECTRONICS
Facility Address: 2311 N HOLLYWOOD WAY
Facility Address 2: Not reported
Facility City: BURBANK
Facility County: 19
Facility State: CA

FRY'S ELECTRONICS (Continued) **S125545706**

Facility Zip: 91505

A4
Target Property
2311 N HOLLYWOOD WAY
BURBANK, CA 91505

RCRA NonGen / NLR **1025875989** **CAL000449125**

Site 4 of 9 in cluster A

Actual: 673 ft.

RCRA NonGen / NLR:

Date form received by agency:	2019-09-23 00:00:00.0
Facility name:	Not reported
Facility address:	2311 N HOLLYWOOD WAY BURBANK, CA 91505
EPA ID:	CAL000449125
Mailing address:	600 E BROKAW RD SAN JOSE, CA 95112
Contact:	CESAR PEREZ
Contact address:	2311 N HOLLYWOOD WAY BURBANK, CA 91505
Contact country:	Not reported
Contact telephone:	818-526-8159
Contact email:	CJP@I.FRYS.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CESAR PEREZ
Owner/operator address:	2311 N HOLLYWOOD WAY BURBANK, CA 91505
Owner/operator country:	Not reported
Owner/operator telephone:	818-526-8159
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:	FRY'S ELECTRONICS INC
Owner/operator address:	600 E BROKAW RD SAN JOSE, CA 95112
Owner/operator country:	Not reported
Owner/operator telephone:	408-487-4747
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):	Not reported

(Continued) **1025875989**

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

A5 **LOCKHEED PLANT A-1 SOUTH** **CA CDL S107531356**
Target **2311 NORTH HOLLYWOOD WAY** **CA ENF N/A**
Property **BURBANK, CA 91520**

Site 5 of 9 in cluster A

Actual: 673 ft.

CDL:

Name:	Not reported
Address:	2311 HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91503
Facility ID:	2003-05-049
Date:	05/09/2003
Labtype:	Mobile Lab
Lab Type:	Mobile Lab (M) - location where illegal drug lab equipment and materials were found in a vehicle or other mode of transport.

ENF:

Name:	LOCKHEED PLANT A-1 SOUTH
Address:	2311 NORTH HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91520
Region:	4
Facility Id:	238491
Agency Name:	Lockheed Martin Corp
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:	Not reported
SIC Desc 1:	Not reported
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

LOCKHEED PLANT A-1 SOUTH (Continued) **S107531356**

# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1040675
Reg Measure Id:	152411
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	225992
Region:	4
Order / Resolution Number:	R4-1987-161
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	12/17/1987
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	CAO 87-161 - 4WIP1040675
Description:	Not reported
Program:	WIP
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1

LOCKHEED PLANT A-1 SOUTH (Continued) **S107531356**

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

Name:	LOCKHEED PLANT A-1 SOUTH
Address:	2311 NORTH HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91520
Region:	4
Facility Id:	238491
Agency Name:	Lockheed Martin Corp
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:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1040675
Reg Measure Id:	152411
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported

LOCKHEED PLANT A-1 SOUTH (Continued) **S107531356**

301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	221262
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	11/29/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/29/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1040675
Description:	Not reported
Program:	WIP
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

A6
Target Property

LOCKHEED PLANT A1-SOUTH
2311 N. HOLLYWOOD WAY.
BURBANK, CA 91505

FINDS **1023335480**
N/A

Site 6 of 9 in cluster A

Actual: 673 ft.

FINDS:
Registry ID: 110066305162
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110066305162

Environmental Interest/Information System:
STATE MASTER

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

A7 GORT LIMITED **CA HAZNET S112870266**
Target 2311 NORTH HOLLYWOOD WAY **CA HWTS N/A**
Property BURBANK, CA 91505

Site 7 of 9 in cluster A

Actual: 673 ft.

HAZNET:

Name:	GORT LIMITED
Address:	2311 NORTH HOLLYWOOD WAY
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915050000
Contact:	GARY GRAUMANN/PARTNER
Telephone:	4153279200
Mailing Name:	Not reported
Mailing Address:	PO BOX 7458
Year:	1996
Gepaid:	CAC001158224
TSD EPA ID:	CAD009007626
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	8.428

Additional Info:

Year:	1996
Gen EPA ID:	CAC001158224
Shipment Date:	19960221
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960222
Manifest ID:	95271595
Trans EPA ID:	CAD981455520
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009007626
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

HWTS:

Name:	GORT LIMITED
Address:	2311 NORTH HOLLYWOOD WAY
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915050000
EPA ID:	CAC001158224

GORT LIMITED (Continued) **S112870266**

Inactive Date:	10/25/2000
Create Date:	02/20/1996
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	PO BOX 7458
Mailing Address 2:	Not reported
Mailing City,State,Zip:	MENLO PARK, CA 942060000
Owner Name:	GARY GRAUMANN
Owner Address:	PO BOX 7458
Owner Address 2:	Not reported
Owner City,State,Zip:	MENLO PARK, CA 942060000
Contact Name:	GARY GRAUMANN/PARTNER
Contact Address:	PO BOX 7458
Contact Address 2:	Not reported
City,State,Zip:	MENLO PARK, CA 942060000

A8 **FRY'S ELECTRONICS** **ECHO** **1025934643**
Target Property **2311 N HOLLYWOOD WAY** **N/A**
BURBANK, CA 91505

Site 8 of 9 in cluster A

Actual: 673 ft.

ECHO:

Envid:	1025934643
Registry ID:	110070632996
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070632996
Name:	FRY'S ELECTRONICS
Address:	2311 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505

A9 **LOCKHEED PLANE A-1 SOUTH** **CA CPS-SLIC** **S101587292**
Target Property **2311 N HOLLYWOOD WAY** **CA CERS HAZ WASTE** **N/A**
BURBANK, CA 91505 **CA SWEEPS UST**
CA FID UST
Site 9 of 9 in cluster A **CA WIP**
CA CERS

Actual: 673 ft.

CPS-SLIC:

Name:	LOCKHEED PLANT A1-SOUTH
Address:	2311 N. HOLLYWOOD WAY.
City,State,Zip:	BURBANK, CA 91505
Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	05/24/1995
Global Id:	SL603798615
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1906787251624
Longitude:	-118.349660681229
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	104.0675
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported

LOCKHEED PLANE A-1 SOUTH (Continued) **S101587292**

Site History: Remediation completed.

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:
Name: FRY'S ELECTRONICS
Address: 2311 N HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
Site ID: 518728
CERS ID: 10784380
CERS Description: Hazardous Waste Generator

SWEEPS UST:
Name: LOCKHEED PLANE A-1 SOUTH
Address: 2311 N HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 780000
Number: 5
Board Of Equalization: 44-008232
Referral Date: 06-26-92
Action Date: 06-26-92
Created Date: 06-26-92
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

Name: LOCKHEED PLANE A-1 SOUTH
Address: 2311 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 780000
Number: Not reported
Board Of Equalization: 44-008232
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-780000-000002
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 4

Name: LOCKHEED PLANE A-1 SOUTH
Address: 2311 N HOLLYWOOD WAY
City: BURBANK

LOCKHEED PLANE A-1 SOUTH (Continued) **S101587292**

Status: Not reported
Comp Number: 780000
Number: Not reported
Board Of Equalization: 44-008232
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-780000-000003
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: LOCKHEED PLANE A-1 SOUTH
Address: 2311 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 780000
Number: Not reported
Board Of Equalization: 44-008232
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-780000-000004
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: LOCKHEED PLANE A-1 SOUTH
Address: 2311 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 780000
Number: Not reported
Board Of Equalization: 44-008232
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-780000-000010
Tank Status: Not reported
Capacity: 12000
Active Date: Not reported
Tank Use: CHEMICAL
STG: PRODUCT
Content: PERPERCHLORO
Number Of Tanks: Not reported

LOCKHEED PLANE A-1 SOUTH (Continued) **S101587292**

CA FID UST:
- Facility ID: 19055205
- Regulated By: UTNKA
- Regulated ID: CAD982504
- Cortese Code: Not reported
- SIC Code: Not reported
- Facility Phone: Not reported
- Mail To: Not reported
- Mailing Address: 2550 N HOLLYWOOD WAY
- Mailing Address 2: Not reported
- Mailing City,St,Zip: BURBANK 91505
- Contact: Not reported
- Contact Phone: Not reported
- DUNs Number: Not reported
- NPDES Number: Not reported
- EPA ID: Not reported
- Comments: Not reported
- Status: Active

WIP:
- Name: LOCKHEED PLANT A1-SOUTH
- Address: 2311 N Hollywood Way
- City,State,Zip: BURBANK, CA 91505
- Region: 4
- File Number: 104.0675
- **File Status: Active**
- Staff: ACARLOS
- Facility Suite: Not reported

CERS:
- Name: LOCKHEED PLANT A1-SOUTH
- Address: 2311 N. HOLLYWOOD WAY.
- City,State,Zip: BURBANK, CA 91505
- Site ID: 214238
- CERS ID: SL603798615
- CERS Description: Cleanup Program Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: Anita FANG - LOS ANGELES RWQCB (REGION 4)
- Entity Title: Not reported
- Affiliation Address: 320 West 4th Street, Suite 200
- Affiliation City: LOS ANGELES
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: 2135766730

NPL **SAN FERNANDO VALLEY (AREA 2)** **NPL** **1000710134**
Region **CRYSTAL SPRINGS WELLFIELD AREA** **SEMS** **CAD980894901**
SSE **GLENDALE, CA 91209** **US ENG CONTROLS**
1/2-1 **CA ENVIROSTOR**
5145 ft. **CA HIST Cal-Sites**
ROD
PRP
ICIS
FINDS
ECHO
CA Cortese

NPL:

Name:	SAN FERNANDO VALLEY (AREA 2)
Address:	CRYSTAL SPRINGS WELLFIELD AREA
City,State,Zip:	GLENDALE, CA 91209
EPA ID:	CAD980894901
EPA Region:	9
Federal:	N
Final Date:	1986-06-10 00:00:00
Site ID:	902252
Latitude:	34.163139000000001
Site Score:	42.240000000000002
Longitude:	-118.286

NPL:

EPA ID:	CAD980894901
NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-<= 10 Feet
Category Value:	1

EPA ID:	CAD980894901
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value:	10

NPL:

EPA ID:	CAD980894901
Site ID:	0902252
Site Status:	F
Federal Site:	N
EPA Region:	09
Date Proposed:	10/15/84
Date Deleted:	Not reported
Date Finalized:	06/10/86

NPL:

EPA ID:	CAD980894901
NPL Status:	Currently on the Final NPL
Substance ID:	Not reported
Substance:	Not reported
CAS #:	Not reported
Pathway:	Not reported
Scoring:	Not reported

EPA ID:	CAD980894901
NPL Status:	Currently on the Final NPL
Substance ID:	U044
Substance:	CHLOROFORM

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

CAS #: 67-66-3
Pathway: GROUND WATER PATHWAY
Scoring: 4

EPA ID: CAD980894901
NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

EPA ID: CAD980894901
NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL:
EPA ID: CAD980894901
Summary: Conditions at proposal October 15, 1984): San Fernando Valley Area 2) is an area of contaminated ground water located in the vicinity of the Crystal Springs Well Field in the Cities of Los Angeles and Glendale, Los Angeles County, Californi

EPA ID: CAD980894901
Summary: a. This area is part of the San Fernando Valley Basin, a natural underground reservoir that represents an important source of drinking water for at least 3 million people in the Los Angeles metropolitan area. The contaminated ground water, wh

EPA ID: CAD980894901
Summary: ich underlies an area of approximately 6,680 acres, contains trichloroethylene TCE) and perchloroethylene PCE), according to tests conducted by the California Department of Health Services, as well as numerous local government agencies. The S

EPA ID: CAD980894901
Summary: tate s recommended drinking water guidelines for TCE and PCE 5 and 4 parts per billion respectively) are exceeded in a number of public wells in this area. To alleviate this contamination, wells are either taken out of service or blended with

EPA ID: CAD980894901
Summary: water from clean sources to ensure that the public receives water with TCE/PCE concentrations below the State s guidelines. Status June 10, 1986): EPA and the Los Angeles Department of Water and Power are entering into a cooperative agr

EPA ID: CAD980894901
Summary: eement for a remedial investigation of the San Fernando Valley Basin and a feasibility study targeted at Area 1, the most contaminated area. The RI is scheduled to begin in early 1986.

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

NPL:
EPA ID: CAD980894901
NPL Status: Final
Proposed Date: 10/15/1984
Final Date: 06/10/1986
Deleted Date: Not reported

NPL:
EPA ID: CAD980894901
NPL Name: SAN FERNANDO VALLEY (AREA 2)

SEMS:
Site ID: 0902252
EPA ID: CAD980894901
Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Address 2: Not reported
City,State,Zip: GLENDALE, CA 91209
Cong District: 27,28
FIPS Code: 06037
Latitude: 34.163139
Longitude: -118.286000
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:
Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 02
Action Code: RO
Action Name: ROD
SEQ: 3
Start Date: 1993-06-18 04:00:00
Finish Date: 6/18/1993 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 2
Start Date: 2013-09-30 04:00:00
Finish Date: 9/30/2013 4:00:00 AM
Qual: Not reported

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 1
Start Date: 2008-01-25 05:00:00
Finish Date: 9/30/2008 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 04
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 2010-02-23 05:00:00
Finish Date: 4/30/2010 4:00:00 AM
Qual: S
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 04
Action Code: RS
Action Name: RV ASSESS
SEQ: 2
Start Date: 2010-02-23 05:00:00
Finish Date: 4/30/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 04
Action Code: RI
Action Name: RI
SEQ: 1

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Start Date: 2011-09-27 04:00:00
Finish Date: 1/15/2016 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 04
Action Code: FS
Action Name: FS
SEQ: 1
Start Date: 2016-01-16 05:00:00
Finish Date: 8/30/2016 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 1
Start Date: 2012-03-21 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 2
Start Date: 2012-03-21 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 00

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Action Code:	CR
Action Name:	CI
SEQ:	4
Start Date:	2008-03-10 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1986-06-10 04:00:00
Finish Date:	6/10/1986 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	1985-09-30 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1984-10-15 05:00:00
Finish Date:	10/15/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	3
Start Date:	2017-10-27 04:00:00
Finish Date:	9/21/2018 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	04
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	2017-05-25 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1991-06-17 04:00:00
Finish Date:	6/17/1991 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	03
Action Code:	RO
Action Name:	ROD
SEQ:	2
Start Date:	1993-06-18 04:00:00
Finish Date:	6/18/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 3
Start Date: 1989-09-25 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: CR
Action Name: CI
SEQ: 2
Start Date: 1985-03-18 06:00:00
Finish Date: 3/31/1985 6:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: FP
Action Name: FPA
SEQ: 1
Start Date: 1984-08-23 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 01
Action Code: TA
Action Name: TECH ASSIST
SEQ: 2
Start Date: 2019-08-01 05:00:00
Finish Date: Not reported
Qual: Not reported

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 03
Action Code: CO
Action Name: RI/FS
SEQ: 4
Start Date: 2015-09-09 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 03
Action Code: BE
Action Name: PRP RD
SEQ: 2
Start Date: 1994-05-01 04:00:00
Finish Date: 11/11/1996 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 03
Action Code: ME
Action Name: PRP LR
SEQ: 1
Start Date: 2002-09-30 04:00:00
Finish Date: 8/22/2013 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 04
Action Code: BD
Action Name: PRP RI/FS
SEQ: 1

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Start Date: 2008-04-08 04:00:00
Finish Date: 4/8/2008 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 03
Action Code: NK
Action Name: PRP FS
SEQ: 1
Start Date: 2010-08-09 04:00:00
Finish Date: 7/1/2013 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 02
Action Code: BE
Action Name: PRP RD
SEQ: 1
Start Date: 1994-05-01 04:00:00
Finish Date: 11/11/1996 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 03
Action Code: BF
Action Name: PRP RA
SEQ: 2
Start Date: 1997-10-17 04:00:00
Finish Date: 9/30/2002 4:00:00 AM
Qual: IR
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 03

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Action Code:	BF
Action Name:	PRP RA
SEQ:	5
Start Date:	2013-08-22 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	04
Action Code:	NK
Action Name:	PRP FS
SEQ:	2
Start Date:	2016-08-30 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	01
Action Code:	JF
Action Name:	ECO RISK
SEQ:	1
Start Date:	1992-12-15 05:00:00
Finish Date:	12/15/1992 5:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	03
Action Code:	CO
Action Name:	RI/FS
SEQ:	3
Start Date:	1989-09-06 04:00:00
Finish Date:	6/18/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

NPL:	F
FF:	N
OU:	01
Action Code:	ED
Action Name:	R/H ASMT
SEQ:	1
Start Date:	1992-12-15 05:00:00
Finish Date:	12/15/1992 5:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1983-12-01 05:00:00
Finish Date:	12/1/1983 5:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-04-01 06:00:00
Finish Date:	4/1/1984 6:00:00 AM
Qual:	H
Current Action Lead:	St Perf
Region:	09
Site ID:	0902252
EPA ID:	CAD980894901
Site Name:	SAN FERNANDO VALLEY (AREA 2)
NPL:	F
FF:	N
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	1984-04-01 06:00:00
Finish Date:	4/1/1984 6:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf
Region:	09

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1984-04-01 06:00:00
Finish Date: 4/1/1984 6:00:00 AM
Qual: H
Current Action Lead: St Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 02
Action Code: CO
Action Name: RI/FS
SEQ: 2
Start Date: 1989-09-06 04:00:00
Finish Date: 6/18/1993 4:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902252
EPA ID: CAD980894901
Site Name: SAN FERNANDO VALLEY (AREA 2)
NPL: F
FF: N
OU: 03
Action Code: BD
Action Name: PRP RI/FS
SEQ: 2
Start Date: 2014-03-31 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Not reported

SIte:
Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Address 2: Not reported
City,State,Zip: GLENDALE, CA 91209
Event Code: Not reported
Action Taken Date: 06/30/1993
EPA ID: CAD980894901
Site ID: 0902252
Action Name: RECORD OF DECISION
Action ID: 002
Operable Unit: 03

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Action Completion Date: 06/18/1993
Contaminated Media: Groundwater
Engineering Control: Extraction
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Media:
Engineering Control: Extraction
EPA ID: CAD980894901
Contaminated Media: Groundwater
Site ID: 0902252
Action ID: 002
Action Completion Date: 06/18/1993
Operable Unit: 03
Action Name: RECORD OF DECISION
Action Taken Date: 06/30/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Filtration
EPA ID: CAD980894901
Contaminated Media: Groundwater
Site ID: 0902252
Action ID: 002
Action Completion Date: 06/18/1993
Operable Unit: 03
Action Name: RECORD OF DECISION
Action Taken Date: 06/30/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Monitoring
EPA ID: CAD980894901
Contaminated Media: Groundwater
Site ID: 0902252
Action ID: 002
Action Completion Date: 06/18/1993
Operable Unit: 03
Action Name: RECORD OF DECISION
Action Taken Date: 06/30/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Reuse as Drinking Water
EPA ID: CAD980894901
Contaminated Media: Groundwater
Site ID: 0902252
Action ID: 002
Action Completion Date: 06/18/1993
Operable Unit: 03
Action Name: RECORD OF DECISION

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Action Taken Date:	06/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Treatment, (N.O.S.)
EPA ID:	CAD980894901
Contaminated Media:	Groundwater
Site ID:	0902252
Action ID:	002
Action Completion Date:	06/18/1993
Operable Unit:	03
Action Name:	RECORD OF DECISION
Action Taken Date:	06/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Air Stripping
EPA ID:	CAD980894901
Contaminated Media:	Groundwater
Site ID:	0902252
Action ID:	003
Action Completion Date:	06/18/1993
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	06/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Carbon Adsorption
EPA ID:	CAD980894901
Contaminated Media:	Groundwater
Site ID:	0902252
Action ID:	003
Action Completion Date:	06/18/1993
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	06/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Discharge
EPA ID:	CAD980894901
Contaminated Media:	Groundwater
Site ID:	0902252
Action ID:	003
Action Completion Date:	06/18/1993
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	06/30/1993

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Extraction
EPA ID:	CAD980894901
Contaminated Media:	Groundwater
Site ID:	0902252
Action ID:	003
Action Completion Date:	06/18/1993
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	06/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Filtration
EPA ID:	CAD980894901
Contaminated Media:	Groundwater
Site ID:	0902252
Action ID:	003
Action Completion Date:	06/18/1993
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	06/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Liquid Phase Carbon Adsorption
EPA ID:	CAD980894901
Contaminated Media:	Groundwater
Site ID:	0902252
Action ID:	003
Action Completion Date:	06/18/1993
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	06/30/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

ENVIROSTOR:

Name:	SAN FERNANDO VALLEY (AREA 2)
Address:	CRYSTAL SPRINGS WELLFIELD AREA
City,State,Zip:	GLENDALE, CA 91209
Facility ID:	19990012
Status:	Active
Status Date:	01/01/1984
Site Code:	300127
Site Type:	Federal Superfund

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Site Type Detailed: State Response or NPL
Acres: 7229
NPL: YES
Regulatory Agencies: SMBRP, RWQCB 4 - Los Angeles, US EPA
Lead Agency: US EPA
Program Manager: Laura Radke
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth
Assembly: 43
Senate: 25
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.1575
Longitude: -118.2847
APN: NONE SPECIFIED
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE, MANUFACTURING - INDUSTRIAL MACHINERY, METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER, RESEARCH - AEROSPACE
Potential COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Chromium III Chromium VI
Confirmed COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Chromium III Chromium VI
Potential Description: AQUI, SOIL
Alias Name: CRYSTAL SPRINGS AREA; GLENDALE OU
Alias Type: Alternate Name
Alias Name: SAN FERNANDO VALLEY GW BASIN AREA 2
Alias Type: Alternate Name
Alias Name: CAD980894901
Alias Type: CERCLIS ID
Alias Name: 110009267970
Alias Type: EPA (FRS #)
Alias Name: 300288/GLENDALE PLUME, AREA 2
Alias Type: Site Code - Historical
Alias Name: P31032
Alias Type: PCode
Alias Name: 300127
Alias Type: Project Code (Site Code)
Alias Name: 19990012
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 11/11/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Completed Date: 06/18/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 08/30/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 04/30/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 01/30/1992
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 04/30/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 03/08/2019
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/10/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/10/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/10/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/08/2019
Comments: Not reported

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedy Constructed: Operating Properly & Successfully
Completed Date: 04/23/2001
Comments: City of Glendale assumes operation of the Glendale Water Treatment Plant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 03/30/1994
Comments: An Administrative Order on Consent is signed by U.S. EPA and PRPs to conduct the Remedial Design of the groundwater extraction, treatment, disinfection, blending, and distribution facilities necessary to implement the Glendale North and South RODs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/16/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 05/17/2013
Comments: COMPLETED 05/17/2013

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/04/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/06/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 06/24/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2018
Comments: COMPLETED

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

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

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

Calsite:
Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
City: GLENDALE
Region: GLENDALE
Facility ID: 19990012
Facility Type: NPJF
Type: NPL SITE, JOINT STATE/FEDERAL-FUNDED
Branch: SA
Branch Name: SO CAL - GLENDALE
File Name: Not reported
State Senate District: 01011984
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 99
SIC Name: NONCLASSIFIABLE ESTABLISHMENTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: TYARGEAU
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA
Region Water Control Board Name: LOS ANGELES
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: 43
State Senate District Code: 21
Facility ID: 19990012
Activity: PPP
Activity Name: PUBLIC PARTICIPATION PLAN
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 04301990
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990012
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	GLNOU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01301992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990012
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04301992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990012
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	SOUTH

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08301992
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990012
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	GLNOU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06181993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990012
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	GLSOU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06181993
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990012
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	AOC
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03301994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990012
Activity:	DES
Activity Name:	DESIGN
AWP Code:	GLOU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11111996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990012
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	GLOU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04232001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990012
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	GLOU
Proposed Budget:	0
AWP Completion Date:	09302020
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	CRYSTAL SPRINGS AREA
Alternate City,St,Zip:	BURBANK, CA 91504
Alternate Address:	CITIES INCLUDE GLENDALE AND LOS ANGELES
Alternate City,St,Zip:	Not reported
Alternate Address:	CRYSTAL SPRINGS WELLFIELD AREA
Alternate City,St,Zip:	GLENDALE, CA 91209
Alternate Address:	GLENDALE

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Alternate City,St,Zip: GLENDALE, CA 91201
Background Info: essentially been put out of commission.
Exposure of receptors to contaminants can possibly occur through ingestion of contaminated drinking water, inhalation of vapors released from the contaminated water as in taking showers, and dermal exposure as in washing or bathing. However, with the strict regulatory control over water quality by the State's Department of Health, Office of Drinking Water (ODW), the RWQCB, and other agencies, residents are assured that the water they consume is safe and that no one is drinking water which contains concentrations of contaminants above regulatory standards.
Federal, state, and local agencies have been conducting investigations and cleanup of contaminated groundwater in the SFVGWB since contamination was discovered in 1979. These activities involve measuring the extent of contamination, developing and implementing cleanup remedies, and identifying responsible parties. EPA provided oversight of the basinwide Remedial Investigation (RI) of groundwater contamination conducted by the Los Angeles Department of Water and Power (LADWP) The RI objectives were to collect lithological and water quality data and information regarding basin operations for the eastern SF and Verdugo basins; develop a regional characterization of geology, hydrology, hydrogeology and the nature and extent of groundwater contamination within the eastern & Verdugo basins; study fate and transport of compounds in the environment; identify Applicable or Relevant and Appropriate Requirements (ARAR's); and evaluate the potential risk to human health and the environment.
The Remedial Investigation of the SFVGWB was divided into two phases:
Phase I activities have included vertical profile borings and installation of monitoring wells to obtain preliminary contamination information. Monitoring wells have been installed as follows: 34 in North Hollywood (Area #1); 29 in Crystal Springs (Area #2); 7 in Verdugo (Area #3); and 17 in Pollock (Area #4).
Information obtained from Phase I investigation activities identified the need for several operable units. Operable Unit is a federal term which is similar to the State's definition of a removal action.
Phase II activities consist of basinwide remedial investigation conducted by the LADWP.
Remedial Actions (RAs):
North Hollywood (Area #1) -- Two RAs were identified for Area #1, the North Hollywood OU and the Burbank OU.
A Record of Decision (ROD) for the North Hollywood RA was signed in September 1987, selecting groundwater extraction and treatment (air stripping) of 2,000 gallons per minute (gpm) of contaminated water as an interim remedy. This RA was constructed with funding from EPA and the State and has been treating contaminated groundwater since March 1989. This facility is located at 11845 Vose Street in the N. Hollywood section of Los Angeles.
A ROD for the Burbank OU was signed in June 1989, again selecting groundwater extraction and treatment of about 12,000 gpm of contaminated water. Phase I of the Burbank OU began operations in January 1996 treating groundwater at a rate of

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

6,000 gpm. Phase II began operations in May 1998 adding an additional 3,000 gpm to the Burbank OU's treatment capacity.
Crystal Springs (Area #2) -- LADWP has completed a focused RI/FS for this proposed RA. The Glendale OU was separated into a North OU and a South OU based on the amount of contamination and the facilities contributing to the GW contamination. A ROD for each OU was signed on June 18, 1993 designating groundwater extraction and treatment as the interim remedy. The PRPs formed a group and combined the RA efforts for each OU into one document. The selected alternative is GW extraction and treatment. The Glendale OU began operations in September 2000.
Verdugo and Pollock (Areas #3 and #4) --
Currently no RAs have been identified for Area #3 or for Area #4. In October 2003, US EPA propsed No Remedial Action Verdugo Basin (Area #3).
Another contaminant of concern, hexavalent chromium, has been identified in the San Fernando Valey Groundwater Basin. EPA and the RWQCB are currently identifyig potential sources of contamination and pursuing PRPs that may be responsible for contaminating groundwater. As these PRPs are identified, individual site investigations and mitigation activities will be pursued. Enforceable agreements and orders will be implemented at numerous specific potential source sites within the Basin by RWQCB and DTSC.
The San Fernando Valley Ground Water Basin (SFVGWB) is located within the Upper Los Angeles River Area and consists of the eastern portion of the San Fernando Valley and the entire Verdugo Basin. The SFVGWB encompasses approximately 112,000 acres of alluvial valley fill deposits and provides enough water to serve approximately 600,000 residents. The Basin is bounded on the north and the northwest by the Santa Susana Mountains, on the northeast by the San Gabriel Mountains, on the west by the Simi Hills and on the south by the Santa Monica Mountains.
The San Fernando Valley Study area includes four National Priorities List (NPL) sites. They are:
Area #1 - North Hollywood NPL site covers 9336 acres in the eastern part of the San Fernando Valley. The site has been divided into the North Hollywood Operable Unit (OU) and the Burbank OU.
Area #2 - Crystal Springs NPL Site covers 3975 acres south-east of the North Hollywood NPL site and is located in the cities of Glendale and Los Angeles.
Area #3 - Verdugo NPL Site covers 2673 acres in the eastern part of the San Fernando Valley and is located in and adjacent to La Crescenta in the Verdugo Mountains.
Area #4 - Pollock NPL Site covers 1653 acres in the southeastern part of the San Fernando Valley and is located in and adjacent to the cities of Los Angeles and Glendale.
Groundwater contamination in the SFVGWB is linked to prewar, postwar, and current industrialization in the San Fernando Valley.
The primary contaminants of concern are volatile organic compounds (VOCs), trichloroethylene (TCE), and tetracholoethylene (PCE), which have been and/or are being used in many San Fernando Valley

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

industries, such aeronautical, automotive, dry cleaning, and metal plating. These solvents have found their way to the groundwater basin as a result of both past and improper use, storage, and disposal practices. The SFVGWB Superfund sites, added to the NPL in 1986, are areas where groundwater from wells have been found to contain VOCs above the state and federal drinking water standards. Groundwater contamination at numerous wells have been so severe with TCE and PCE that these wells have

Comments Date: 03301994
Comments: An Administrative Order on Consent is signed by U.S. EPA and PRPs
Comments Date: 03301994
Comments: to conduct the Remedial Design of the groundwater extraction,
Comments Date: 01011984
Comments: Groundwater contaminated with TCE and PCE. The site covers 7229
Comments Date: 01011984
Comments: acres in the Crystal Springs area.
Comments Date: 01022001
Comments: City of Glendale notifies US EPA that they will not accept the
Comments Date: 01022001
Comments: treated water from the Glendale Water Treatment Plant. They are
Comments Date: 01022001
Comments: requesting additional time to evaluate treatment options for
Comments Date: 01022001
Comments: hexavalent chromium. In addition, the City will submit a
Comments Date: 01022001
Comments: proposal to US EPA discussing the options available.
Comments Date: 03292001
Comments: City of Glendale submits proposal for operation of the Glendale
Comments Date: 03292001
Comments: Water Treatment Plant. Under the City's proposal, the two
Comments Date: 03292001
Comments: chromium-impacted wells will run at a reduced rate. The treated
Comments Date: 03292001
Comments: water will still contain detectable amounts of hexavalent
Comments Date: 03292001
Comments: chromium and will continue to be discharged into the Los Angeles
Comments Date: 03292001
Comments: River. The City of Glendale is still pursuing treatment options
Comments Date: 03292001
Comments: to treat the water down to non-detect levels of hexavalent
Comments Date: 03292001
Comments: chromium.
Comments Date: 03301994
Comments: treatment, disinfection, blending, and distribution facilities
Comments Date: 03301994
Comments: necessary to implement the Glendale North and South RODs.
Comments Date: 04022001
Comments: US EPA accepts the City of Glendale's proposal to operate the
Comments Date: 04022001
Comments: treatment plant.
Comments Date: 04041997
Comments: The Final Remedial Design consists of a proposed Water Treatment
Comments Date: 04041997
Comments: Plant (WTP) located in the North OU that is designed to treat
Comments Date: 04041997
Comments: VOCs (primarily TCE and PCE). The groundwater will be pumped at
Comments Date: 04041997

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Comments:	a combined extraction flow rate of 5,000 gpm from 7 shallow
Comments Date:	04041997
Comments:	wells and one deep well located in both the Glendale North and
Comments Date:	04041997
Comments:	South OUs.
Comments Date:	04041997
Comments:	Not reported
Comments Date:	04041997
Comments:	At the proposed WTP, the affected groundwater will be pumped
Comments Date:	04041997
Comments:	directly into two single-stage Packed Tower Aerators (PTAs)
Comments Date:	04041997
Comments:	that are followed by liquid phase granular activated carbon
Comments Date:	04041997
Comments:	(LPGAC) vessels, then disinfected. The water will then be
Comments Date:	04041997
Comments:	ammoniated, mixed with low nitrate MWD blending water and
Comments Date:	04041997
Comments:	discharged into the City or Glendale's potable water system.
Comments Date:	04041997
Comments:	The off gasses from the PTAs will be treated through a vapor
Comments Date:	04041997
Comments:	phase GAC system.
Comments Date:	04201995
Comments:	The PRP group is preparing remedial design documents for review
Comments Date:	04201995
Comments:	by the agencies. Glendale North OU and Glendale South OU PRPs
Comments Date:	04201995
Comments:	submitting one document for the design of the remedy for both OUs
Comments Date:	04232001
Comments:	City of Glendale assumes operation of the Glendale Water
Comments Date:	04232001
Comments:	Treatment Plant.
Comments Date:	08032000
Comments:	City of Glendale receives the 97-005 permit from Department of
Comments Date:	08032000
Comments:	Health Services.
Comments Date:	09202001
Comments:	The treatment plant continues to operate with the City of
Comments Date:	09202001
Comments:	Glendale taking all of the treated water.
Comments Date:	09252000
Comments:	City of Glendale is scheduled to receive treated water from the
Comments Date:	09252000
Comments:	Glendale Water Treatment Plant. The City notifies the US EPA
Comments Date:	09252000
Comments:	that it will not accept the treated water due to the levels of
Comments Date:	09252000
Comments:	hexavalent chromium present in the treated water. The City also
Comments Date:	09252000
Comments:	requests for a 90-day extension from US EPA to accept the treated
Comments Date:	09252000
Comments:	water.
Comments Date:	09272000
Comments:	City of Glendale meets with US EPA to discuss their requests for
Comments Date:	09272000
Comments:	delay and outlines what they intend on accomplishing during the

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Comments Date: 09272000
Comments: 90-day extension. Their primary objective is to determine a
Comments Date: 09272000
Comments: treatment option to treat hexavalent chromiun down to non-detect
Comments Date: 09272000
Comments: levels.
Comments Date: 10122000
Comments: US EPA grants extension to City of Glendale until 1/2/2001.
Comments Date: 10122000
Comments: During this time the Glendale Water Treatment Plant will operate
Comments Date: 10122000
Comments: with the treated water being discharged directly into the
Comments Date: 10122000
Comments: Los Angeles River.
Comments Date: 10191999
Comments: Construction completed for both Glendale North and South Operable
Comments Date: 10191999
Comments: Units. The City is working on obtaining a permit from the
Comments Date: 10191999
Comments: Department of Health Services to operate the treatment facilities
ID Name: BEP DATABASE PCODE
ID Value: P31032
ID Name: CALSTARS CODE
ID Value: 300127
Alternate Name: SAN FERNANDO VALLEY GW BASIN AREA 2
Alternate Name: CRYSTAL SPRINGS AREA; GLENDALE OU
Alternate Name: SAN FERNANDO VALLEY (AREA 2)
Alternate Name: Not reported
Special Programs Code: MSCA
Special Programs Name: MULTI-SITE COOPERATIVE AGREEMENT

ROD:
Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
City,State,Zip: GLENDALE, CA 91209
EPA ID: CAD980894901
RG: 9
Site ID: 902252
Action: GOVT Decision Document (ROD)
Operable Unit Number: GLENDALE SOUTH(TO ROD)&COMBINE
SEQ ID: 2
Action Completion: 1993-06-18 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
City,State,Zip: GLENDALE, CA 91209
EPA ID: CAD980894901
RG: 9
Site ID: 902252
Action: GOVT Decision Document (ROD)
Operable Unit Number: GLENDALE NORTH TO RD ONLY
SEQ ID: 3
Action Completion: 1993-06-18 00:00:00
NPL Status: Final
Non NPL Status: Not reported

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

PRP:
PRP Name:
A.G. LAYNE, INC.
A.G. LAYNE, INC.
ACCESS CONTROLS, INC
ACCESS CONTROLS, INC
ACCESS CONTROLS, INC.
ACCESS CONTROLS, INC.
ACCESS CONTROLS, INC.
ACCESS CONTROLS, INC.
ACME AEROSPACE, INC.
ADMIRAL CONTROLS, INC.
ADMIRAL CONTROLS, INC.
ADMIRAL CONTROLS, INC.
ADMIRAL CONTROLS, INC.
ALFONSO A. DARGENZIO TRUST
ALL METALS PROCESSING COMPANY
ALL METALS PROCESSING COMPANY
ALL METALS PROCESSING COMPANY
AMERICAN METASEAL COMPANY
AMERICAN METASEAL COMPANY
ARNOLD AND MARGARET PETERSON TRUST
AUTOMATION PLATING CORPORATION
AVANESSIANS, ARTIK
AVANESSIANS, ARTIK
AVIBANK MANUFACTURING
AVIBANK MANUFACTURING
BENCO ENTERPRISES, INC.
BENCO ENTERPRISES, INC.
BROCK BUS LINES
BROCK BUS LINES
BROCK BUS LINES
BURBANK STEEL TREATING, INC.
BURBANK STEEL TREATING, INC.
BURBANK STEEL TREATING, INC.
BURBANK STEEL TREATING, INC.
BURMAN TECHNICAL SERVICES, INC.
CARL M. BUCK BUILDING CO.
CHARLES C. LITCHFIELD
CHARLES C. LITCHFIELD
COLTEC INDUSTRIES, INC.
COLTEC INDUSTRIES, INC.
COMET PLATING CO., INC.
COMMERCIAL INSPECTION SERVICES
COMMERCIAL INSPECTION SERVICES
COURTAULDS AEROSPACE, INC.
COURTAULDS AEROSPACE, INC.
COURTAULDS AEROSPACE, INC.
CREDIT MANAGERS ASSOCIATION OF CALIFORNIA
DATRON INC.
DATRON INC.
DATRON INC.
DATRON, INC.
DAVID J. HIGGINS, TRUSTEE
DAVID J. HIGGINS, TRUSTEE
DOROTHY A. KAHL & WILLIAM C. KAHL
DRILUBE COMPANY
DRILUBE COMPANY

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

EDWARD FURER TRUST
ESTATE OF HELEN L. POWERS
EXCELLO PLATING
EXCELLO PLATING

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

ICIS:

Enforcement Action ID:	09-2016-2509
FRS ID:	110009267970
Action Name:	AOC FOR PERFORMANCE OF A SFV AREA 2 GLENDALE CHROMIUM FS
Facility Name:	SAN FERNANDO VALLEY (AREA 2)
Facility Address:	CRYSTAL SPRINGS WELLFIELD AREA GLENDALE, CA 91209
Enforcement Action Type:	CERCLA 122h Agrmt For Cost Recovery
Facility County:	LOS ANGELES
Program System Acronym:	SEMS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	122H
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.16313
Longitude in Decimal Degrees:	-118.286
Permit Type Desc:	Not reported
Program System Acronym:	CAD980894901
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2016-2509
FRS ID:	110009267970
Action Name:	AOC FOR PERFORMANCE OF A SFV AREA 2 GLENDALE CHROMIUM FS
Facility Name:	SAN FERNANDO VALLEY (AREA 2)
Facility Address:	CRYSTAL SPRINGS WELLFIELD AREA GLENDALE, CA 91209
Enforcement Action Type:	CERCLA 122h Agrmt For Cost Recovery
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	122H
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.16313
Longitude in Decimal Degrees:	-118.286
Permit Type Desc:	Not reported
Program System Acronym:	CAD980894901
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2016-2509
FRS ID:	110009267970
Action Name:	AOC FOR PERFORMANCE OF A SFV AREA 2 GLENDALE CHROMIUM FS
Facility Name:	SAN FERNANDO VALLEY (AREA 2)
Facility Address:	CRYSTAL SPRINGS WELLFIELD AREA GLENDALE, CA 91209
Enforcement Action Type:	CERCLA 122A/104A Agrmt For RI/FS
Facility County:	LOS ANGELES

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Program System Acronym: SEMS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122/104
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.16313
Longitude in Decimal Degrees: -118.286
Permit Type Desc: Not reported
Program System Acronym: CAD980894901
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2016-2509
FRS ID: 110009267970
Action Name: AOC FOR PERFORMANCE OF A SFV AREA 2 GLENDALE CHROMIUM FS
Facility Name: SAN FERNANDO VALLEY (AREA 2)
Facility Address: CRYSTAL SPRINGS WELLFIELD AREA
GLENDALE, CA 91209
Enforcement Action Type: CERCLA 122A/104A Agrmt For RI/FS
Facility County: LOS ANGELES
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122/104
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.16313
Longitude in Decimal Degrees: -118.286
Permit Type Desc: Not reported
Program System Acronym: CAD980894901
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2013-2516
FRS ID: 110009267970
Action Name: Settlement Agreement and Order on Consent for Removal Action by BFPP
Facility Name: SAN FERNANDO VALLEY (AREA 2)
Facility Address: CRYSTAL SPRINGS WELLFIELD AREA
GLENDALE, CA 91209
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: LOS ANGELES
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 106
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.16313
Longitude in Decimal Degrees: -118.286
Permit Type Desc: Not reported
Program System Acronym: CAD980894901
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2012-2505
FRS ID: 110009267970
Action Name: Spirito Family Trust AO for Cost Recovery, Glendale OU
Facility Name: SAN FERNANDO VALLEY (AREA 2)
Facility Address: CRYSTAL SPRINGS WELLFIELD AREA

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

GLENDALE, CA 91209
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: LOS ANGELES
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122H
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.16313
Longitude in Decimal Degrees: -118.286
Permit Type Desc: Not reported
Program System Acronym: CAD980894901
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2012-2504
FRS ID: 110009267970
Action Name: Ralphs Grocery Prospective Purchaser Agreement
Facility Name: SAN FERNANDO VALLEY (AREA 2)
Facility Address: CRYSTAL SPRINGS WELLFIELD AREA
GLENDALE, CA 91209
Enforcement Action Type: CERCLA 122G1B Agrmt For Innocent Landowner
Facility County: LOS ANGELES
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122G1B
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.16313
Longitude in Decimal Degrees: -118.286
Permit Type Desc: Not reported
Program System Acronym: CAD980894901
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2011-2508
FRS ID: 110009267970
Action Name: SFV (Area 2) Superfund Site, Glendale Chromium OU Specified Work and Costs AOC
Facility Name: SAN FERNANDO VALLEY (AREA 2)
Facility Address: CRYSTAL SPRINGS WELLFIELD AREA
GLENDALE, CA 91209
Enforcement Action Type: CERCLA 122A/104A Agrmt For RI/FS
Facility County: LOS ANGELES
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122/104
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.16313
Longitude in Decimal Degrees: -118.286
Permit Type Desc: Not reported
Program System Acronym: CAD980894901
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2010-2519

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

FRS ID:	110009267970
Action Name:	Lyondell Bankruptcy (NC)
Facility Name:	SAN FERNANDO VALLEY (AREA 2)
Facility Address:	CRYSTAL SPRINGS WELLFIELD AREA GLENDALE, CA 91209
Enforcement Action Type:	Bankruptcy
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	BNK
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.16313
Longitude in Decimal Degrees:	-118.286
Permit Type Desc:	Not reported
Program System Acronym:	CAD980894901
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2009-2521
FRS ID:	110009267970
Action Name:	US vs. 718 West Wilson Avenue and Hovsep Boghossian
Facility Name:	SAN FERNANDO VALLEY (AREA 2)
Facility Address:	CRYSTAL SPRINGS WELLFIELD AREA GLENDALE, CA 91209
Enforcement Action Type:	Civil Judicial Action
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Judicial
EA Type Code:	CIV
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.16313
Longitude in Decimal Degrees:	-118.286
Permit Type Desc:	Not reported
Program System Acronym:	CAD980894901
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2008-2522
FRS ID:	110009267970
Action Name:	Glendale OU Admin Order for RI / Avanessians
Facility Name:	SAN FERNANDO VALLEY (AREA 2)
Facility Address:	CRYSTAL SPRINGS WELLFIELD AREA GLENDALE, CA 91209
Enforcement Action Type:	CERCLA 106 AO For Resp Action/Imm Haz
Facility County:	LOS ANGELES
Program System Acronym:	CERCLIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	106
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	34.16313
Longitude in Decimal Degrees:	-118.286
Permit Type Desc:	Not reported
Program System Acronym:	CAD980894901
Facility NAICS Code:	Not reported

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Tribal Land Code: Not reported

Enforcement Action ID: 09-2008-2512
FRS ID: 110009267970
Action Name: Glendale OU 04 Librascope Metals Investigation
Facility Name: SAN FERNANDO VALLEY (AREA 2)
Facility Address: CRYSTAL SPRINGS WELLFIELD AREA
GLENDALE, CA 91209
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: LOS ANGELES
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 122H
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.16313
Longitude in Decimal Degrees: -118.286
Permit Type Desc: Not reported
Program System Acronym: CAD980894901
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2008-2512
FRS ID: 110009267970
Action Name: Glendale OU 04 Librascope Metals Investigation
Facility Name: SAN FERNANDO VALLEY (AREA 2)
Facility Address: CRYSTAL SPRINGS WELLFIELD AREA
GLENDALE, CA 91209
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: LOS ANGELES
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 106
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.16313
Longitude in Decimal Degrees: -118.286
Permit Type Desc: Not reported
Program System Acronym: CAD980894901
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2008-2512
FRS ID: 110009267970
Action Name: Glendale OU 04 Librascope Metals Investigation
Facility Name: SAN FERNANDO VALLEY (AREA 2)
Facility Address: CRYSTAL SPRINGS WELLFIELD AREA
GLENDALE, CA 91209
Enforcement Action Type: CERCLA 104E5A AO For Access And/Or Info
Facility County: LOS ANGELES
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 104E5A
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.16313
Longitude in Decimal Degrees: -118.286

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Permit Type Desc: Not reported
Program System Acronym: CAD980894901
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2008-2510
FRS ID: 110009267970
Action Name: San Fernando Area 2 UAO for OU 04 RI/FS
Facility Name: SAN FERNANDO VALLEY (AREA 2)
Facility Address: CRYSTAL SPRINGS WELLFIELD AREA
GLENDALE, CA 91209
Enforcement Action Type: CERCLA 106 AO For Resp Action/Imm Haz
Facility County: LOS ANGELES
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 106
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.16313
Longitude in Decimal Degrees: -118.286
Permit Type Desc: Not reported
Program System Acronym: CAD980894901
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-1997-0015
FRS ID: 110009267970
Action Name: SAN FERNANDO GLENDALE (NORTH AND SOUTH)
Facility Name: SAN FERNANDO VALLEY (AREA 2)
Facility Address: CRYSTAL SPRINGS WELLFIELD AREA
GLENDALE, CA 91209
Enforcement Action Type: Civil Judicial Action
Facility County: LOS ANGELES
Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.16313
Longitude in Decimal Degrees: -118.286
Permit Type Desc: Not reported
Program System Acronym: CAD980894901
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:
Registry ID: 110009267970
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009267970

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.
SUPERFUND NPL

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

ECHO:
Envid: 1000710134
Registry ID: 110009267970
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009267970
Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA
City,State,Zip: GLENDALE, CA 91209

CORTESE:
Name: SAN FERNANDO VALLEY (AREA 2)
Address: CRYSTAL SPRINGS WELLFIELD AREA

SAN FERNANDO VALLEY (AREA 2) (Continued) **1000710134**

City,State,Zip:	GLENDALE, CA 91209
Region:	CORTESE
Envirostor Id:	19990012
Global ID:	Not reported
Site/Facility Type:	FEDERAL SUPERFUND - LISTED
Cleanup Status:	ACTIVE
Status Date:	01/01/1984
Site Code:	300127
Latitude:	34.1575
Longitude:	-118.28472
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Haz Waste & Substances Sites

NPL Region
< 1/8
1 ft.

SAN FERNANDO VALLEY (AREA 1)
NORTH HOLLYWOOD WELLFIELD AREA
NORTH HOLLYWOOD, CA 91601

NPL 1000709322
SEMS CAD980894893
US ENG CONTROLS
US INST CONTROLS
CA ENVIROSTOR
CA HIST Cal-Sites
ROD
PRP
CONSENT
FINDS
ECHO
CA Cortese

NPL:

Name:	SAN FERNANDO VALLEY (AREA 1)
Address:	NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip:	NORTH HOLLYWOOD, CA 91601
EPA ID:	CAD980894893
EPA Region:	9
Federal:	N
Final Date:	1986-06-10 00:00:00
Site ID:	902251
Latitude:	34.189999999999998
Site Score:	42.240000000000002
Longitude:	-118.3514

NPL:

EPA ID:	CAD980894893
NPL Status:	Currently on the Final NPL
Category Description:	Depth To Aquifer-<= 10 Feet
Category Value:	1

EPA ID:	CAD980894893
NPL Status:	Currently on the Final NPL
Category Description:	Distance To Nearest Population-> 0 And <= 1/4 Mile

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Category Value: 10

NPL:
EPA ID: CAD980894893
Site ID: 0902251
Site Status: F
Federal Site: N
EPA Region: 09
Date Proposed: 10/15/84
Date Deleted: Not reported
Date Finalized: 06/10/86

NPL:
EPA ID: CAD980894893
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

EPA ID: CAD980894893
NPL Status: Currently on the Final NPL
Substance ID: U044
Substance: CHLOROFORM
CAS #: 67-66-3
Pathway: GROUND WATER PATHWAY
Scoring: 4

EPA ID: CAD980894893
NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

EPA ID: CAD980894893
NPL Status: Currently on the Final NPL
Substance ID: U211
Substance: CARBON TETRACHLORIDE
CAS #: 56-23-5
Pathway: GROUND WATER PATHWAY
Scoring: 4

EPA ID: CAD980894893
NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL:
EPA ID: CAD980894893
Summary: Conditions at proposal October 15, 1984): San Fernando Valley Area

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

l) is an area of contaminated ground water in the vicinity of the North Hollywood section of the City of Los Angeles, Los Angeles County, California. This area is part of t

EPA ID: CAD980894893
Summary: he San Fernando Valley Basin, a natural underground reservoir that represents an important source of drinking water for at least 3 million people in the Los Angeles metropolitan area. The contaminated ground water, which underlies an area of a

EPA ID: CAD980894893
Summary: pproximately 5,l56 acres, contains trichloroethylene TCE) and perchloroethylene PCE), and to a lesser extent, carbon tetrachloride and chloroform, according to analyses conducted by the California Department of Health Services, as well as nume

EPA ID: CAD980894893
Summary: rous local government agencies. The State s recommended drinking water guideline for TCE and PCE 5 and 4 parts per billion respectively) are exceeded in a number of public wells in this area. To alleviate this contamination, wells are either

EPA ID: CAD980894893
Summary: taken out of service or blended with water from clean sources to ensure that the public receives water with TCE/PCE concentrations below the State s guidelines. Status June 10, 1986): EPA and the Los Angeles Department of Water and Powe

EPA ID: CAD980894893
Summary: r are entering into a cooperative agreement for a remedial investigation of the San Fernando Valley Basin and a feasibility study targeted at Area 1, the most contaminated area. The RI is scheduled to begin in early 1986.

NPL:
EPA ID: CAD980894893
NPL Status: Final
Proposed Date: 10/15/1984
Final Date: 06/10/1986
Deleted Date: Not reported

NPL:
EPA ID: CAD980894893
NPL Name: SAN FERNANDO VALLEY (AREA 1)

SEMS:
Site ID: 0902251
EPA ID: CAD980894893
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
Address 2: Not reported
City,State,Zip: NORTH HOLLYWOOD, CA 91601
Cong District: 27,28
FIPS Code: 06037
Latitude: +34.190000

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Longitude: -118.351400
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 2
Start Date: 1998-08-17 04:00:00
Finish Date: 8/17/1998 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 04
Action Code: FS
Action Name: FS
SEQ: 1
Start Date: 2006-01-23 05:00:00
Finish Date: 9/30/2009 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: FE
Action Name: 5 YEAR
SEQ: 3
Start Date: 2003-06-20 04:00:00
Finish Date: 9/30/2003 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Action Code:	FE
Action Name:	5 YEAR
SEQ:	4
Start Date:	2008-04-24 04:00:00
Finish Date:	9/30/2008 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	5
Start Date:	2004-04-15 04:00:00
Finish Date:	9/30/2004 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1984-10-15 05:00:00
Finish Date:	10/15/1984 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	3
Start Date:	2000-07-18 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	2
Start Date:	2008-09-10 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	3
Start Date:	2008-09-10 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	4
Start Date:	2011-08-10 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	3
Start Date:	2011-09-26 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	4
Start Date:	2012-03-21 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	5
Start Date:	2012-03-21 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	6
Start Date:	2013-09-30 04:00:00
Finish Date:	9/30/2013 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	04
Action Code:	RO
Action Name:	ROD
SEQ:	4
Start Date:	2009-09-30 04:00:00
Finish Date:	9/30/2009 4:00:00 AM
Qual:	Not reported

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	03
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	2
Start Date:	1991-06-17 04:00:00
Finish Date:	6/17/1991 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1986-06-10 04:00:00
Finish Date:	6/10/1986 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	MA
Action Name:	ST COOP
SEQ:	1
Start Date:	1989-04-30 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	CR
Action Name:	CI
SEQ:	1

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Start Date: 1985-03-18 06:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: RO
Action Name: ROD
SEQ: 2
Start Date: 1989-06-30 04:00:00
Finish Date: 6/30/1989 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: RO
Action Name: ROD
SEQ: 3
Start Date: 1987-09-24 04:00:00
Finish Date: 9/24/1987 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 1990-08-27 04:00:00
Finish Date: 5/23/1991 4:00:00 AM
Qual: C
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Action Code:	CR
Action Name:	CI
SEQ:	5
Start Date:	2013-05-20 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	7
Start Date:	2017-10-17 04:00:00
Finish Date:	9/21/2018 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	1985-09-30 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	03
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	1990-08-29 04:00:00
Finish Date:	8/29/1990 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

NPL:	F
FF:	N
OU:	00
Action Code:	FE
Action Name:	5 YEAR
SEQ:	1
Start Date:	1993-07-08 04:00:00
Finish Date:	7/8/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	FP
Action Name:	FPA
SEQ:	1
Start Date:	1984-08-23 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	RC
Action Name:	RVL CRP
SEQ:	1
Start Date:	1990-09-11 04:00:00
Finish Date:	5/23/1991 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	2
Start Date:	1991-06-17 04:00:00
Finish Date:	Not reported
Qual:	V
Current Action Lead:	EPA Perf
Region:	09

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: MA
Action Name: ST COOP
SEQ: 2
Start Date: 1988-01-12 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 04
Action Code: TA
Action Name: TECH ASSIST
SEQ: 2
Start Date: 2017-07-06 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: GM
Action Name: GWTRMON
SEQ: 1
Start Date: 2019-09-18 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: TA
Action Name: TECH ASSIST
SEQ: 3
Start Date: 2019-08-01 05:00:00
Finish Date: Not reported
Qual: Not reported

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Current Action Lead: EPA Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: BF
Action Name: PRP RA
SEQ: 1
Start Date: 1993-11-22 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: BE
Action Name: PRP RD
SEQ: 2
Start Date: 1992-03-25 05:00:00
Finish Date: 9/30/1997 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: OM
Action Name: OM
SEQ: 1
Start Date: 1999-12-01 05:00:00
Finish Date: 11/6/2017 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: BF
Action Name: PRP RA
SEQ: 3

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Start Date: 1997-09-30 04:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: NA
Action Name: PRP RI
SEQ: 1
Start Date: 1994-02-18 05:00:00
Finish Date: 9/9/1994 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: BD
Action Name: PRP RI/FS
SEQ: 1
Start Date: 1994-02-18 05:00:00
Finish Date: 9/9/1994 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03
Action Code: BE
Action Name: PRP RD
SEQ: 1
Start Date: 1992-03-25 05:00:00
Finish Date: 11/22/1993 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 03

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Action Code:	BE
Action Name:	PRP RD
SEQ:	3
Start Date:	1992-07-27 04:00:00
Finish Date:	11/22/1993 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	03
Action Code:	BF
Action Name:	PRP RA
SEQ:	2
Start Date:	1993-11-22 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	04
Action Code:	BE
Action Name:	PRP RD
SEQ:	8
Start Date:	2017-09-05 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	04
Action Code:	BE
Action Name:	PRP RD
SEQ:	6
Start Date:	2011-02-14 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

NPL:	F
FF:	N
OU:	03
Action Code:	BD
Action Name:	PRP RI/FS
SEQ:	2
Start Date:	2018-01-18 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	02
Action Code:	LR
Action Name:	LT RESP
SEQ:	1
Start Date:	1989-12-01 05:00:00
Finish Date:	12/1/1999 5:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	01
Action Code:	JF
Action Name:	ECO RISK
SEQ:	1
Start Date:	1992-12-15 05:00:00
Finish Date:	12/15/1992 5:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf
Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	03
Action Code:	CO
Action Name:	RI/FS
SEQ:	3
Start Date:	1988-01-15 05:00:00
Finish Date:	6/30/1989 4:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf
Region:	09

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	02
Action Code:	RA
Action Name:	RA
SEQ:	1
Start Date:	1987-08-06 04:00:00
Finish Date:	9/4/1991 4:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf

Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	1984-04-01 06:00:00
Finish Date:	4/1/1984 6:00:00 AM
Qual:	Not reported
Current Action Lead:	St Perf

Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-04-01 06:00:00
Finish Date:	4/1/1984 6:00:00 AM
Qual:	H
Current Action Lead:	St Perf

Region:	09
Site ID:	0902251
EPA ID:	CAD980894893
Site Name:	SAN FERNANDO VALLEY (AREA 1)
NPL:	F
FF:	N
OU:	00
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	1989-06-26 04:00:00
Finish Date:	Not reported
Qual:	E

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1984-04-01 06:00:00
Finish Date: 4/1/1984 6:00:00 AM
Qual: H
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: RD
Action Name: RD
SEQ: 1
Start Date: 1987-04-01 05:00:00
Finish Date: 9/24/1987 4:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 01
Action Code: ED
Action Name: R/H ASMT
SEQ: 1
Start Date: 1992-12-15 05:00:00
Finish Date: 12/15/1992 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 02
Action Code: CO
Action Name: RI/FS
SEQ: 1

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Start Date: 1985-08-16 05:00:00
Finish Date: 9/24/1987 4:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

Region: 09
Site ID: 0902251
EPA ID: CAD980894893
Site Name: SAN FERNANDO VALLEY (AREA 1)
NPL: F
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1983-12-01 05:00:00
Finish Date: 12/1/1983 5:00:00 AM
Qual: Not reported
Current Action Lead: St Perf

SIte:
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
Address 2: Not reported
City,State,Zip: NORTH HOLLYWOOD, CA 91601
Event Code: Not reported
Action Taken Date: 09/30/2009
EPA ID: CAD980894893
Site ID: 0902251
Action Name: RECORD OF DECISION
Action ID: 004
Operable Unit: 04
Action Completion Date: 09/30/2009
Contaminated Media: Groundwater
Engineering Control: Air Stripping
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Media:
Engineering Control: Reinjection
EPA ID: CAD980894893
Contaminated Media: Groundwater
Site ID: 0902251
Action ID: 001
Action Completion Date: 11/12/1990
Operable Unit: 03
Action Name: Explanation Of Significant Differences
Action Taken Date: 12/31/1990
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Treatment, (N.O.S.)
EPA ID: CAD980894893

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Contaminated Media: Groundwater
Site ID: 0902251
Action ID: 001
Action Completion Date: 11/12/1990
Operable Unit: 03
Action Name: Explanation Of Significant Differences
Action Taken Date: 12/31/1990
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Non-fundamental change (ESD)
EPA ID: CAD980894893
Contaminated Media: Groundwater
Site ID: 0902251
Action ID: 002
Action Completion Date: 02/12/1997
Operable Unit: 03
Action Name: Explanation Of Significant Differences
Action Taken Date: 03/31/1997
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Air Stripping
EPA ID: CAD980894893
Contaminated Media: Groundwater
Site ID: 0902251
Action ID: 002
Action Completion Date: 06/30/1989
Operable Unit: 03
Action Name: RECORD OF DECISION
Action Taken Date: 06/30/1989
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Extraction
EPA ID: CAD980894893
Contaminated Media: Groundwater
Site ID: 0902251
Action ID: 002
Action Completion Date: 06/30/1989
Operable Unit: 03
Action Name: RECORD OF DECISION
Action Taken Date: 06/30/1989
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Reuse as Drinking Water
EPA ID: CAD980894893
Contaminated Media: Groundwater

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Site ID: 0902251
Action ID: 002
Action Completion Date: 06/30/1989
Operable Unit: 03
Action Name: RECORD OF DECISION
Action Taken Date: 06/30/1989
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Treatment, (N.O.S.)
EPA ID: CAD980894893
Contaminated Media: Groundwater
Site ID: 0902251
Action ID: 002
Action Completion Date: 06/30/1989
Operable Unit: 03
Action Name: RECORD OF DECISION
Action Taken Date: 06/30/1989
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Aeration
EPA ID: CAD980894893
Contaminated Media: Groundwater
Site ID: 0902251
Action ID: 003
Action Completion Date: 09/24/1987
Operable Unit: 02
Action Name: RECORD OF DECISION
Action Taken Date: 09/30/1987
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Carbon Adsorption
EPA ID: CAD980894893
Contaminated Media: Groundwater
Site ID: 0902251
Action ID: 003
Action Completion Date: 09/24/1987
Operable Unit: 02
Action Name: RECORD OF DECISION
Action Taken Date: 09/30/1987
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Engineering Control: Containment, (N.O.S.)
EPA ID: CAD980894893
Contaminated Media: Groundwater
Site ID: 0902251

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Action ID:	003
Action Completion Date:	09/24/1987
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1987
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Discharge
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Site ID:	0902251
Action ID:	003
Action Completion Date:	09/24/1987
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1987
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Extraction
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Site ID:	0902251
Action ID:	003
Action Completion Date:	09/24/1987
Operable Unit:	02
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/1987
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Air Stripping
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Site ID:	0902251
Action ID:	004
Action Completion Date:	09/30/2009
Operable Unit:	04
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Extraction
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Site ID:	0902251
Action ID:	004

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Action Completion Date:	09/30/2009
Operable Unit:	04
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Filtration
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Site ID:	0902251
Action ID:	004
Action Completion Date:	09/30/2009
Operable Unit:	04
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Ion Exchange
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Site ID:	0902251
Action ID:	004
Action Completion Date:	09/30/2009
Operable Unit:	04
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Liquid Phase Carbon Adsorption
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Site ID:	0902251
Action ID:	004
Action Completion Date:	09/30/2009
Operable Unit:	04
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Engineering Control:	Monitoring
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Site ID:	0902251
Action ID:	004
Action Completion Date:	09/30/2009

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Operable Unit:	04
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

Engineering Control:	Well Head Treatment
EPA ID:	CAD980894893
Contaminated Media:	Groundwater
Site ID:	0902251
Action ID:	004
Action Completion Date:	09/30/2009
Operable Unit:	04
Action Name:	RECORD OF DECISION
Action Taken Date:	09/30/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

US INST CONTROLS:

Name:	SAN FERNANDO VALLEY (AREA 1)
Address:	NORTH HOLLYWOOD WELLFIELD AREA
Address 2:	Not reported
City,State,Zip:	NORTH HOLLYWOOD, CA 91601
EPA ID:	CAD980894893
Site ID:	0902251
Action Name:	RECORD OF DECISION
Action ID:	004
Operable Unit:	04
Action Completion Date:	09/30/2009
Actual Date:	09/30/2009
Contaminated Media:	Groundwater
Institutional Control:	Groundwater use/well drilling regulation
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported

ENVIROSTOR:

Name:	SAN FERNANDO VALLEY (AREA 1)
Address:	NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip:	LOS ANGELES, CA 91601
Facility ID:	19990011
Status:	Active
Status Date:	05/15/1996
Site Code:	300173
Site Type:	Federal Superfund
Site Type Detailed:	State Response or NPL
Acres:	5254
NPL:	YES
Regulatory Agencies:	SMBRP, RWQCB 4 - Los Angeles, US EPA
Lead Agency:	US EPA

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Program Manager: Laura Radke
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth
Assembly: 39
Senate: 18
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.1875
Longitude: -118.3838
APN: NONE SPECIFIED
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE, MACHINE SHOP, MANUFACTURING - METAL, METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER, RESEARCH - AEROSPACE
Potential COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Chromium III Chromium VI
Confirmed COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE Chromium III Chromium VI
Potential Description: AQUI, SOIL
Alias Name: 300126/NORTH HOLLYWOOD OUFS
Alias Type: Alternate Name
Alias Name: 300287/SAN FERNANDO VALLEY GW BASIN AREA 1
Alias Type: Alternate Name
Alias Name: BURBANK OU
Alias Type: Alternate Name
Alias Name: CAD980894893
Alias Type: CERCLIS ID
Alias Name: 110009267961
Alias Type: EPA (FRS #)
Alias Name: P31031
Alias Type: PCode
Alias Name: 300126
Alias Type: Project Code (Site Code)
Alias Name: 300173
Alias Type: Project Code (Site Code)
Alias Name: 19990011
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 08/17/1998
Comments: A second 5-year review of remedial activities is conducted at the North Hollywood OU (NHOU) and covers operations from 1993 thru 1997. The purpose was to evaluate whether the NH Interim Remedy achieved the objectives specified in the ROD. The findings of the 5-year review are that the objectives of the ROD have been met.

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

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Completed Document Type: Design/Implementation Workplan
Completed Date: 11/17/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/31/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 04/30/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 06/30/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/30/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 03/31/1989
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 09/30/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/08/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 01/08/2009
Comments: DTSCs letter with comments on Focussed Feasibility Study document for North Hollywood Operable Unit, San Fernando Valley Area 1 was sent out.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Record of Decision - Interim

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Completed Date: 09/28/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/27/2017
Comments: EPA Issues updated fact sheet with proposed changes to NHOU remedy

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 09/21/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 06/24/1997
Comments: A second partial Consent Decree, dated June 24, 1997, requires reimbursement to the State by Lockheed-Martin of certain past costs and annual billing for future site specific response costs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 05/14/1997
Comments: The second partial consent decree to recover DTSC's past cost is signed on May 14, 1997. This also concludes the litigation for the interim remedy at the North Hollywood OU.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 08/01/1996
Comments: The first partial consent decree is entered by the Federal District court on August 1, 1996.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/06/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/04/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/16/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/27/2018
Comments: COMPLETED

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/11/2018
Comments: 300126-SM closed

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

Calsite:
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City: LOS ANGELES
Region: GLENDALE
Facility ID: 19990011
Facility Type: NPJF
Type: NPL SITE, JOINT STATE/FEDERAL-FUNDED
Branch: SA
Branch Name: SO CAL - GLENDALE
File Name: Not reported
State Senate District: 05151996
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Listed
SIC Code: 99
SIC Name: NONCLASSIFIABLE ESTABLISHMENTS
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: TYARGEAU
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA
Region Water Control Board Name: LOS ANGELES
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: 43
State Senate District Code: 20
Facility ID: 19990011
Activity: RAP
Activity Name: REMEDIAL ACTION PLAN / RECORD OF DECISION

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

AWP Code:	NH
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09301987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	NH
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09301987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	NH
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03311989
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	B
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06301989
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	B
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06301989
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	PPP
Activity Name:	PUBLIC PARTICIPATION PLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04301990
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	DES
Activity Name:	DESIGN
AWP Code:	B-PH1
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03311997
Est Person-Yrs to complete:	0.30000
Estimated Size:	X
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	COST
Activity Name:	COST RECOVERY
AWP Code:	NH1/1
Proposed Budget:	0
AWP Completion Date:	Not reported

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Revised Due Date:	Not reported
Comments Date:	09041996
Est Person-Yrs to complete:	0
Estimated Size:	X
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	NH OU
Proposed Budget:	0
AWP Completion Date:	06302009
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	M
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	COST
Activity Name:	COST RECOVERY
AWP Code:	NH2/1
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06201997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	DES
Activity Name:	DESIGN
AWP Code:	B-PH2
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11171997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	CSNH1
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08011996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Facility ID:	19990011
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	CSNH2
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05141997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	CD-B2
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06241997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19990011
Activity:	5YEAR
Activity Name:	FIVE-YEAR REVIEW REQUIRED BY CERCLA
AWP Code:	NH OU
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	08171998
Est Person-Yrs to complete:	0

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	NORTH HOLLYWOOD AREA
Alternate City,St,Zip:	NORTH HOLLYWOOD, CA 91606
Alternate Address:	NORTH HOLLYWOOD WELLFIELD AREA
Alternate City,St,Zip:	LOS ANGELES, CA 91601
Alternate Address:	BURBANK
Alternate City,St,Zip:	BURBANK, CA 91502
Background Info:	The San Fernando Valley Ground Water Basin (SFVGWB) is located within the Upper Los Angeles River Area, and consists of the eastern portion of the San Fernando Valley and the entire Verdugo Basin. The SFVGWB encompasses approximately 112,000 acres of alluvial valley fill deposits and provides enough water to serve approximately 600,000 residents. The Basin is bounded on the north and the northwest by the Santa Susana Mountains, on the northeast by the San Gabriel Mountains, on the west by the Simi Hills and on the south by the Santa Monica Mountains. The San Fernando Valley Study area includes four National Priorities List (NPL) sites. They are: Area #1 - North Hollywood NPL Site covers 9336 acres in the eastern part of the San Fernando Valley. The site has been divided into the North Hollywood Operable Unit(OU) and the Burbank OU. Area #2 - Crystal Springs NPL Site covers 3975 acres located southeast of the North Hollywood NPL site and is in the cities of Glendale and Los Angeles. Area #3 - Verdugo NPL Site covers 2673 acres in the eastern part of the SF Valley and is located in and adjacent to La Crescenta in the Verdugo Mountains. Area #4 - the Pollock NPL Site covers 1635 acres in the south-eastern part of the San Fernando Valley and is located in and adjacent to the cities of Los Angeles and Glendale. Groundwater contamination in the SFVGWB is linked to prewar, postwar, and current industrialization in the San Fernando Valley. The primary contaminants of concern are the volatile organic compounds (VOCs) trichloroethylene (TCE) and tetrachloroethylene (PCE). These compounds have been and/or are being used in many San Fernando Valley industries, such as aeronautical, automotive dry cleaning, and metal plating. These solvents have found their way to the groundwater basin as a result of both past and improper use, storage and disposal practices. The SFVGWB Superfund sites, added to the NPL in 1986, are areas where groundwater from wells have been found to contain VOCs above

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

the state and federal drinking water standards. Groundwater contamination in numerous wells have been so severe with TCE and PCE that these wells have essentially been put out of commission. Exposure of receptors to contaminants can possibly occur through ingestion of contaminated drinking water, inhalation of VOC vapors released from the contaminated water as in taking showers, and dermal exposure as in washing or bathing. However, with the strict regulatory control over water quality by the State's Department of Health, Office of Drinking Water (ODW), the RWQCB, and other agencies, residents are assured that the water they consume is safe and that no one is drinking water which contains concentrations of contaminants above regulatory standards. Federal, state, and local agencies have been conducting investigations and cleanup of contaminated groundwater in the San Fernando Valley since contamination was discovered in 1979. These activities involve measuring the extent of contamination, developing and implementing cleanup remedies, and identifying responsible parties.
EPA provided oversight of the basinwide Remedial Investigation (RI) of groundwater contamination conducted by the Los Angeles Department of Water and Power (LADWP). The RI objectives were to collect lithological and water quality data and information regarding basin operations for the eastern SF and Verdugo basins; develop a regional characterization of geology, hydrology, hydrogeology and the nature and extent of groundwater contamination within the eastern and Verdugo basins; study fate and transport of compounds in the environment; identify Applicable or Relevant and Appropriate Requirements; (ARAR's) and evaluate the potential risk to human health and the environment. The Remedial Investigation of the SFVGWB was divided into two phases.
Phase I activities have included vertical profile borings and installation of monitoring wells to obtain preliminary contamination information. Monitoring wells have been installed as follows: 34 in North Hollywood (Area #1); 29 in Crystal Springs (Area #2); 7 in Verdugo (Area #3); and 17 in Pollock (Area #4).
Information obtained from Phase I investigation activities identified the need for several operable units. Operable Unit is a federal term which is similar to the State's definition of a removal action.
Phase II activities consist of a basinwide remedial investigation conducted by the LADWP.
Remedial Actions (RAs):
North Hollywood (Area #1) -- Two RAs were identified for Area #1, the North Hollywood OU and the Burbank OU.
A Record of Decision (ROD) for the North Hollywood RA was signed in September 1987, selecting groundwater extraction and treatment (air stripping) of 2,000 gallons per minute (gpm) of contaminated water as an interim remedy. This RA was constructed with funding from EPA and the State and has been treating contaminated groundwater since March 1989. This facility is located at 11845 Vose Street in the N. Hollywood section of Los Angeles.
A ROD for the Burbank OU was signed in June 1989, again selecting groundwater extraction and treatment of about 12,000 gpm of contaminated water. Phase I of the Burbank OU began

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

operations in January 1996 treating groundwater at a rate of 6,000 gpm. Phase II began operations in May 1998 adding an additional 3,000 gpm to the Burbank OU's treatment capacity.
Crystal Springs (Area #2) -- LADWP has completed a focused RI/FS for this proposed RA. The Glendale OU has been separated into a North OU and a South OU based on the amount of contamination and the facilities contributing to the GW contamination. A ROD for each OU was signed on June 18, 1993 designating groundwater extraction and treatment as the interim remeday. The PRPs have formed a group and combined the RA efforts for each OU into one document. The selected alternative is GW extraction and treatment. The Glendale OU began operations in September 2000.
Verdugo and Pollock (Areas #3 and #4) --
Currently no RAs have been identified for Area #3 or for Area #4. In October 2003 US EPA proposed No Remedial Action for Verdugo Basin (Area #3).
Another contaminant of concern, hexavalent chromium, has been identified in the San Fernando Valley Groundwater Basin.
EPA and the RWQCB are currently dentifying potential sources of contamination and pursuing PRPs that may be responsible for contaminating groundwater. As these PRPs are identified, individual site investigations and mitigation activities will be pursued. Enforceable agreements and orders will be implemented at numerous specific potential source sites within the Basin by RWQCB and DTSC

Comments Date: 01011984
Comments: Groundwater contaminated with TCE and PCE is discovered.
Comments Date: 01011984
Comments: Site covers approximately 5254 acres.
Comments Date: 04141996
Comments: Consent Decree between EPA, DTSC and settling PRPs lodged
Comments Date: 04141996
Comments: with the court. Negotiations with non-settling PRPs
Comments Date: 04141996
Comments: continue.
Comments Date: 04241994
Comments: The U.S. EPA is in the process of recovering costs from
Comments Date: 04241994
Comments: the PRPs. DOJ is pursuing the cost recovery for DTSC.
Comments Date: 04241994
Comments: The cooperative PRPs are willing to settle if they are
Comments Date: 04241994
Comments: guaranteed contribution protection from the non-settling
Comments Date: 04241994
Comments: PRPs (so that they cannot be named as a party to the
Comments Date: 04241994
Comments: suit by the non-settling PRPs). DTSC is providing
Comments Date: 04241994
Comments: documentation to DOJ (i.e. timesheets) to determine
Comments Date: 04241994
Comments: staff time charged to the project. EPA is pursuing
Comments Date: 04241994
Comments: legal action against the non-settling PRPs to recover
Comments Date: 04241994

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Comments:	costs of past and future oversight.
Comments Date:	05022002
Comments:	EPA issues fine against Lockheed Martin for 1.37 million for
Comments Date:	05022002
Comments:	Force Majeure claim on Burbank Operable Unit.
Comments Date:	05131998
Comments:	11/17/97-The phase 2 design adds an additional well (wp-180)
Comments Date:	05131998
Comments:	and pipeline for extraction and treatment at the Burbank
Comments Date:	05131998
Comments:	operable unit. This adds an additional 3,000 gpm to the treatmen
Comments Date:	05131998
Comments:	system. Additional amendments to the design include changing the
Comments Date:	05131998
Comments:	Liquid Phase Granular Activated Carbon (LPGAC) bed system from an
Comments Date:	05131998
Comments:	upflow to a downflow configuration, and the addition of a LPGAC
Comments Date:	05131998
Comments:	backflush filtration system for continuous backflush to the
Comments Date:	05131998
Comments:	plant's storm drain discharge.
Comments Date:	05141997
Comments:	The second partial consent decree to recover DTSC's past cost is
Comments Date:	05141997
Comments:	signed on May 14, 1997. This also concludes the litigation for
Comments Date:	05141997
Comments:	the interim remedy at the North Hollywood OU.
Comments Date:	06201997
Comments:	DTSC recovers costs in accordance with the Second Partial
Comments Date:	06201997
Comments:	Consent Decree for the interim remedy at the NHOU. Two
Comments Date:	06201997
Comments:	additional payments are due by 5/14/98 and and 5/14/99.
Comments Date:	06241997
Comments:	A second partial Consent Decree, dated June 24, 1997, requires
Comments Date:	06241997
Comments:	reimbursement to the State by Lockheed-Martin of certain past
Comments Date:	06241997
Comments:	costs and annual billing for future site specific response costs.
Comments Date:	08011996
Comments:	The first partial consent decree is entered by the Federal
Comments Date:	08011996
Comments:	District court on August 1, 1996.
Comments Date:	08171998
Comments:	A second 5-year review of remedial activities is conducted at
Comments Date:	08171998
Comments:	the North Hollywood OU (NHOU) and covers operations from 1993
Comments Date:	08171998
Comments:	thru 1997. The purpose was to evaluate whether the NH Interim
Comments Date:	08171998
Comments:	Remedy achieved the objectives specified in the ROD. The
Comments Date:	08171998
Comments:	findings of the 5-year review are that the objectives of the
Comments Date:	08171998
Comments:	ROD have been met.
Comments Date:	09041996
Comments:	Costs are recovered by DTSC in accordance with the First

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Comments Date: 09041996
Comments: Partial Consent Decree for interim remedial action at the North
Comments Date: 09041996
Comments: Hollywood OU (NHOU). An additional payment is due by 08/01/97.
Comments Date: 09202001
Comments: The facility has been operating continuously with six water
Comments Date: 09202001
Comments: supply wells on line. This past quarter approximately 175
Comments Date: 09202001
Comments: million gallons of water was treated down to non-detect levels
Comments Date: 09202001
Comments: of contamination.
Comments Date: 12191999
Comments: Negotiating new state superfund contract between U.S. EPA, DTSC,
Comments Date: 12191999
Comments: and the Los Angeles Department of Water and Power to provide for
Comments Date: 12191999
Comments: continued funding of operation and maintenance of the NHOU.
ID Name: CALSTARS CODE
ID Value: 300127
ID Name: CALSTARS CODE
ID Value: 300126
ID Name: BEP DATABASE PCODE
ID Value: P31031
Alternate Name: SAN FERNANDO VALLEY GW BASIN AREA 1
Alternate Name: NORTH HOLLYWOOD OUFS
Alternate Name: SAN FERNANDO VALLEY (AREA 1)
Alternate Name: BURBANK OU
Alternate Name: Not reported
Special Programs Code: MSCA
Special Programs Name: MULTI-SITE COOPERATIVE AGREEMENT

ROD:
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT Decision Document (ROD)
Operable Unit Number: BURBANK 03
SEQ ID: 2
Action Completion: 1989-06-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT Decision Document (ROD)
Operable Unit Number: NORTH HOLLYWOOD 02
SEQ ID: 3
Action Completion: 1987-09-24 00:00:00
NPL Status: Final

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Non NPL Status: Not reported

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT Decision Document (ROD)
Operable Unit Number: NORTH HOLLYWOOD 2ND REMEDY 04
SEQ ID: 4
Action Completion: 2009-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT ESD
Operable Unit Number: BURBANK 03
SEQ ID: 1
Action Completion: 1990-11-12 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT ESD
Operable Unit Number: BURBANK 03
SEQ ID: 2
Action Completion: 1997-02-12 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT ESD
Operable Unit Number: NORTH HOLLYWOOD 2ND REMEDY 04
SEQ ID: 3
Action Completion: 2018-02-27 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

EPA ID: CAD980894893
RG: 9
Site ID: 902251
Action: GOVT ROD Amendment
Operable Unit Number: NORTH HOLLYWOOD 2ND REMEDY 04
SEQ ID: 1
Action Completion: 2014-01-10 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP Name:
2L SCREEN PRINTING CO.
A-H PLATING, INC.
ACCESSORY PLATING
ADLER SCREW PRODUCTS INC.
AEROQUIP CORP.
AEROQUIP CORP.
AIRPORT GROUP INTERNATIONAL, INC.
AIRPORT GROUP INTERNATIONAL, INC.
ALLIED SIGNAL
ALLIED SIGNAL
ANTONINI FAMILY TRUST
B.J. GRINDING
BARRON ANODIZING
BASINGER B TRUST
BASINGER C TRUST
BENDIX CORP.
BENDIX CORP.
CALIFORNIA CAR HIKERS SERVICES, INC.
CALMAT CO.
CALMAT CO.
CALMAT CO.
CALMAT CO.
CEBALLOS, MR. CHUCK
CHASE, STUART
CITY OF BURBANK
COOKE FAMILY TRUST (AMENDED)
COOKE FAMILY TRUST (AMENDED)
COOKE FAMILY TRUST (AMENDED)
CRANE COMPANY/HYDRO-AIRE DIVISION
CRANE COMPANY/HYDRO-AIRE DIVISION
DE KING SCREW PRODUCTS
DELTRON ENGINEERING
DYNAMIC PLATING, INC.
ELLISON, LEON
ERIK AND ELSE BRUUN-ANDERSEN TRUST
ERIK AND ELSE BRUUN-ANDERSEN TRUST
FLEETWOOD MACHINE PRODUCTS, INC.
FLEETWOOD MACHINE PRODUCTS, INC.
FLEETWOOD MACHINE PRODUCTS, INC.
FRANK GUERRORO
HASKEL, INC.
HAWKER PACIFIC CORPORATION
HAWKER PACIFIC CORPORATION
HAWKER PACIFIC CORPORATION
HAYWARD ASSOC, LLC
HONEYWELL INTERNATIONAL, INC.
HONEYWELL INTERNATIONAL, INC.

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

HONEYWELL INTERNATIONAL, INC.
HONEYWELL INTERNATIONAL, INC.
HONEYWELL INTERNATIONAL, INC.
HONEYWELL INTERNATIONAL, INC.
HONEYWELL INTERNATIONAL, INC.
HONEYWELL INTERNATIONAL, INC.
HONEYWELL INTERNATIONAL, INC.
JANCO CORPORATION
JANCO CORPORATION
JOHNSON, CHAD
KAHR BEARING
KAHR BEARING
LA AGCO SALES

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

CONSENT:

EPA ID:	CAD980894893
Site ID:	Not reported
Case Title:	U.S. AND THE STATE OF CALIFORNIA V. LOCKHEED MARTIN CORPORATION, ET AL. (SAN FERNANDO VALLEY AREA ONE)
Court Num:	91-4527
District:	California, Cent
Entered Date:	19980622
Name:	SAN FERNANDO VALLEY AREA ONE
Name:	SAN FERNANDO VALLEY (AREA 1)
Address:	NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip:	NORTH HOLLYWOOD, CA 91601
County:	LOS ANGELES

EPA ID:	CAD980894893
Site ID:	Not reported
Case Title:	U.S. V. ALLIED-SIGNAL, ET AL.
Court Num:	93-6490
District:	California, Cent
Entered Date:	19960729
Name:	SAN FERNANDO VALLEY AREA ONE
Name:	SAN FERNANDO VALLEY (AREA 1)
Address:	NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip:	NORTH HOLLYWOOD, CA 91601
County:	LOS ANGELES

EPA ID:	CAD980894893
Site ID:	Not reported
Case Title:	U.S. AND THE STATE OF CALIFORNIA V. LOCKHEED MARTIN CORPORATION, ET AL. (SAN FERNANDO VALLEY AREA ONE)
Court Num:	91-4527
District:	California, Cent
Entered Date:	19920324
Name:	SAN FERNANDO VALLEY AREA ONE
Name:	SAN FERNANDO VALLEY (AREA 1)
Address:	NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip:	NORTH HOLLYWOOD, CA 91601
County:	LOS ANGELES

EPA ID:	CAD980894893

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Site ID: Not reported
Case Title: U.S. V. ALLIED-SIGNAL, ET AL.
Court Num: 93-6490
District: California, Cent
Entered Date: 19970514
Name: SAN FERNANDO VALLEY AREA ONE
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601
County: LOS ANGELES

FINDS:
Registry ID: 110009267961
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110009267961

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.
SUPERFUND NPL
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: 1000709322
Registry ID: 110009267961
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009267961
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: NORTH HOLLYWOOD, CA 91601

CORTESE:
Name: SAN FERNANDO VALLEY (AREA 1)
Address: NORTH HOLLYWOOD WELLFIELD AREA
City,State,Zip: LOS ANGELES, CA 91601
Region: CORTESE

SAN FERNANDO VALLEY (AREA 1) (Continued) **1000709322**

Envirostor Id:	19990011
Global ID:	Not reported
Site/Facility Type:	FEDERAL SUPERFUND - LISTED
Cleanup Status:	ACTIVE
Status Date:	05/15/1996
Site Code:	300126, 300173
Latitude:	34.1875
Longitude:	-118.38388
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Haz Waste & Substances Sites

B10 **TD QUILTING MACHINERY** **CA WIP** **S106764492**
SW **3640 VALHALLA DR** **N/A**
< 1/8 **BURBANK, CA 91505**
0.009 mi.
50 ft. **Site 1 of 4 in cluster B**

Relative: **Lower**

Actual: **671 ft.**

WIP:

Name:	TD QUILTING MACHINERY
Address:	3640 Valhalla Dr
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.0660
File Status:	**Historical**
Staff:	LM
Facility Suite:	Not reported

B11 **FINAL FILM** **RCRA NonGen / NLR** **1024833840**
SW **3620 W VALHALLA DR** **CAL000373517**
< 1/8 **BURBANK, CA 91505**
0.010 mi.
51 ft. **Site 2 of 4 in cluster B**

Relative: **Lower**

Actual: **670 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2012-04-11 00:00:00.0
Facility name:	FINAL FILM
Facility address:	3620 W VALHALLA DR BURBANK, CA 91505
EPA ID:	CAL000373517
Contact:	MICHAEL LANNIN
Contact address:	3620 W VALHALLA DR BURBANK, CA 91505
Contact country:	Not reported
Contact telephone:	323-467-0700
Contact email:	MLANNIN@FLASHPOINTGRAPHIX.COM
EPA Region:	09

FINAL FILM (Continued) **1024833840**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: FINAL FILM INC
Owner/operator address: 3620 W VALHALLA DR
BURBANK, CA 91505
Owner/operator country: Not reported
Owner/operator telephone: 323-467-0700
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: MICHAEL LANNIN
Owner/operator address: 3620 W VALHALLA DR
BURBANK, CA 91505
Owner/operator country: Not reported
Owner/operator telephone: 323-467-0700
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: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

C12 **QUANTEGY INC** **CA LOS ANGELES CO. HMS** **S104828059**
SE **3520 VALHALLA DR** **CA WIP** **N/A**
< 1/8 **BURBANK, CA 91505**
0.010 mi.
52 ft. **Site 1 of 2 in cluster C**

Relative:
Lower

Actual:
667 ft.

LOS ANGELES CO. HMS:
Name: QUANTEGY INC
Address: 3520 VALHALLA DR
City,State,Zip: BURBANK, CA 91505
Region: LA
Permit Category: Not reported
Facility Id: 025957-035443
Facility Type: Not reported
Facility Status: OPEN
Area: 3E
Permit Number: Not reported
Permit Status: Not reported

WIP:
Name: BARROW FABRICS INC. OF CALIF.
Address: 3520 Valhalla Dr
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0172
File Status: Historical
Staff: LM
Facility Suite: Not reported

C13 **CHEN ENGINEERING & SERVICES** **CA LOS ANGELES CO. HMS** **S104828060**
SSE **3540 VALHALLA DR** **CA WIP** **N/A**
< 1/8 **BURBANK, CA 91505**
0.010 mi.
52 ft. **Site 2 of 2 in cluster C**

Relative:
Lower

Actual:
668 ft.

LOS ANGELES CO. HMS:
Name: WESTERN LIGHTING INDUSTRIES
Address: 3540 VALHALLA DR
City,State,Zip: BURBANK, CA 91505
Region: LA
Permit Category: Not reported
Facility Id: 025959-035446
Facility Type: Not reported
Facility Status: OPEN
Area: 3E
Permit Number: Not reported
Permit Status: Not reported

WIP:
Name: CHEN ENGINEERING & SERVICES
Address: 3540 Valhalla Dr
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0287
File Status: Historical
Staff: LM
Facility Suite: Not reported

Name: WESTERN LIGHTING INDUST. INC

CHEN ENGINEERING & SERVICES (Continued) **S104828060**

Address: 3540 Valhalla Dr
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.1010
File Status: Historical
Staff: LM
Facility Suite: Not reported

D14 **ORGANIZATIONAL MAINT SHOP #13** **CA HIST UST** **U001568381**
WSW **3800 W VALHALLA DR** **N/A**
< 1/8 **BURBANK, CA 91504**
0.029 mi.
155 ft. **Site 1 of 2 in cluster D**

Relative:
Lower

Actual:
672 ft.

HIST UST:

Name:	ORGANIZATIONAL MAINT SHOP #13
Address:	3800 W VALHALLA DR
City,State,Zip:	BURBANK, CA 91504
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000061240
Facility Type:	Other
Other Type:	REPAIR/FUEL DISPENSI
Contact Name:	CW4 GEORGE A. MCLEARY
Telephone:	8188455284
Owner Name:	CALIFORNIA NATIONAL GUARD
Owner Address:	P.O. BOX 214405
Owner City,St,Zip:	SACRAMENTO, CA 95821
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1950
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1950
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1958
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	3
Leak Detection:	None

D15
WSW
< 1/8
0.029 mi.
155 ft.

Relative:
Lower

Actual:
672 ft.

NAT'L GUARD REPAIR GARAGE FMS #13
3800 VALHALLA DR
BURBANK, CA 91505

Site 2 of 2 in cluster D

CA CERS HAZ WASTE **1000100247**
CA SWEEPS UST **CAD981368962**
CA HIST UST
RCRA NonGen / NLR
FINDS
ECHO
CA WIP
CA CERS

CERS HAZ WASTE:

Name:	NAT'L GUARD REPAIR GARAGE FMS #13
Address:	3800 VALHALLA DR
City,State,Zip:	BURBANK, CA 91505
Site ID:	51088
CERS ID:	10229932
CERS Description:	Hazardous Waste Generator

SWEEPS UST:

Name:	DEPT OF MILITARY
Address:	3800 VALHALLA DR
City:	BURBANK
Status:	Active
Comp Number:	14265
Number:	6
Board Of Equalization:	44-032062
Referral Date:	06-26-92
Action Date:	06-26-92
Created Date:	06-30-89
Owner Tank Id:	1
SWRCB Tank Id:	19-007-014265-000001
Tank Status:	A
Capacity:	3000
Active Date:	06-26-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	2

Name:	DEPT OF MILITARY
Address:	3800 VALHALLA DR
City:	BURBANK
Status:	Active
Comp Number:	14265
Number:	6
Board Of Equalization:	44-032062
Referral Date:	06-26-92
Action Date:	06-26-92
Created Date:	06-30-89
Owner Tank Id:	2
SWRCB Tank Id:	19-007-014265-000002
Tank Status:	A
Capacity:	2000
Active Date:	06-26-92
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

NAT'L GUARD REPAIR GARAGE FMS #13 (Continued) **1000100247**

HIST UST:

Name:	ORGANIZATIONAL MAINT SHOP 13
Address:	3800 VALHALLA DR
City,State,Zip:	BURBANK, CA 91504
File Number:	0002698C
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002698C.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:

RCRA NonGen / NLR:

Date form received by agency:	1987-04-10 00:00:00.0
Facility name:	FMS #13
Facility address:	3800 VALHALLA DR BURBANK, CA 91505-0000
EPA ID:	CAD981368962
Mailing address:	9800 GOETHE ROAD BOX 17 SACRAMENTO, CA 95827-3561
Contact:	SUSAN OAKLEY
Contact address:	9800 GOETHE ROAD BOX 17 SACRAMENTO, CA 95827-3561
Contact country:	Not reported
Contact telephone:	805-238-8418
Contact email:	SUSAN.L.OAKLEY4.NFG@MAIL.MIL
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	STATE MILITARY DEPT
Owner/operator address:	9800 GOETHE ROAD BOX 17 SACRAMENTO, CA 95827
Owner/operator country:	Not reported
Owner/operator telephone:	805-238-8418
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other

NAT'L GUARD REPAIR GARAGE FMS #13 (Continued) **1000100247**

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SUSAN OAKLEY
Owner/operator address: 9800 GOETHE ROAD BOX 17
SACRAMENTO, CA 95827
Owner/operator country: Not reported
Owner/operator telephone: 805-238-8418
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: CALIFORNIA ARMY NATL GUARD
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: Yes
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: Yes
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No

NAT'L GUARD REPAIR GARAGE FMS #13 (Continued) **1000100247**

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 1986-01-23 00:00:00.0
Site name: OMS #13
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110055895713
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110055895713

Environmental Interest/Information System:
STATE MASTER
Registry ID: 110002682918
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002682918

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: 1000100247
Registry ID: 110002682918
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002682918
Name: FMS #13
Address: 3800 VALHALLA DR
City,State,Zip: BURBANK, CA 91505

WIP:
Name: CALIFORNIA NATIONAL GUARD
Address: 3800 Valhalla Dr
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0254
File Status: Historical
Staff: MPW
Facility Suite: Not reported

CERS:
Name: NAT'L GUARD REPAIR GARAGE FMS #13
Address: 3800 VALHALLA DR
City,State,Zip: BURBANK, CA 91505

NAT'L GUARD REPAIR GARAGE FMS #13 (Continued) **1000100247**

Site ID: 51088
CERS ID: 10229932
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 51088
Site Name: NAT'L GUARD REPAIR GARAGE FMS #13
Violation Date: 10-23-2013
Citation: 22 CCR 12 66262.34(b)(1) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(b)(1)
Violation Description: Failure to dispose of hazardous waste after the first 100-kilogram threshold amount was accumulated within a 90 day period.
Violation Notes: Facility failed to properly dispose of HW in timely manner.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-02-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Hazardous materials inspection complete. No HMRRP violations noted.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-23-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspected by James Keegan Consent given by Samuel Paz
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-24-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Michael Andalon
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-23-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-19-2014
Violations Found: No

NAT'L GUARD REPAIR GARAGE FMS #13 (Continued) **1000100247**

Eval Type: Routine done by local agency
Eval Notes: Inspection by J.M. and K.K. No HMRRP violations
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 51088
Site Name: NAT'L GUARD REPAIR GARAGE FMS #13
Site Address: 3800 VALHALLA DR
Site City: BURBANK
Site Zip: 91505
Enf Action Date: 10-23-2013
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: Los Angeles County Fire Department
Enf Action Program: UNSPEC
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Operator
Entity Name: WO1 Matthew Heinisch
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: (818) 845-5284

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Parent Corporation
Entity Name: California Army National Guard
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: SUSAN OAKLEY
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

NAT'L GUARD REPAIR GARAGE FMS #13 (Continued) **1000100247**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Susan Oakley
Entity Title:	Not reported
Affiliation Address:	9800 GOETHE RD BOX 17
Affiliation City:	SACRAMENTO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95827-3561
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	9800 GOETHE RD BOX 17
Affiliation City:	SACRAMENTO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95827-3561
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	CALIFORNIA ARMY GUARD MILITARY DEPT
Entity Title:	Not reported
Affiliation Address:	9800 GOETHE RD BOX 17
Affiliation City:	SACRAMENTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95827-3561
Affiliation Phone:	(916) 854-1468

16
NNW
< 1/8
0.040 mi.
212 ft.

CALSTART
3601 EMPIRE AVE
BURBANK, CA 91505

RCRA-SQG **1001085690**
FINDS **CAR000010140**
ECHO
CA HAZNET
CA HWTS

Relative:
Higher

Actual:
681 ft.

RCRA-SQG:

Date form received by agency:	1996-03-18 00:00:00.0
Facility name:	CALSTART
Facility address:	3601 EMPIRE AVE BURBANK, CA 91505
EPA ID:	CAR000010140
Mailing address:	EMPIRE AVE BURBANK, CA 91505
Contact:	GLENN PERRY
Contact address:	3601 EMPIRE AVE BURBANK, CA 91505
Contact country:	US
Contact telephone:	818-565-5600
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator

CALSTART (Continued) **1001085690**

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:	CALSTART INC
Owner/operator address:	3601 EMPIRE AVE BURBANK, CA 91505
Owner/operator country:	Not reported
Owner/operator telephone:	818-565-5600
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:	110002910716
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002910716

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:	1001085690
Registry ID:	110002910716

CALSTART (Continued) **1001085690**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002910716
Name: CALSTART
Address: 3601 EMPIRE AVE
City,State,Zip: BURBANK, CA 91505

HAZNET:
Name: CALSTART
Address: 3601 EMPIRE AVE
Address 2: Not reported
City,State,Zip: BURBANK, CA 915050000
Contact: DEACT PER VQ96
Telephone: 8185655600
Mailing Name: Not reported
Mailing Address: 3601 EMPIRE AVE

Year: 1996
Gepaid: CAR000010140
TSD EPA ID: CAD097030993
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: R01 - Recycler
Tons: 0.5004

Additional Info:
Year: 1996
Gen EPA ID: CAR000010140

Shipment Date: 19960528
Creation Date: 5/30/1997 0:00:00
Receipt Date: 19960529
Manifest ID: 95731405
Trans EPA ID: CAD000628636
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: 122 - Alkaline solution without metals (pH > 12.5
RCRA Code: D002
Disposal Method: R01 - Recycler
Quantity Tons: 0.5004
Waste Quantity: 120
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: CALSTART
Address: 3601 EMPIRE AVE
Address 2: Not reported
City,State,Zip: BURBANK, CA 915050000

CALSTART (Continued) **1001085690**

EPA ID:	CAR000010140
Inactive Date:	06/30/1996
Create Date:	06/20/1996
Last Act Date:	07/06/2010
Mailing Name:	Not reported
Mailing Address:	3601 EMPIRE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURBANK, CA 915050000
Owner Name:	CALSTART INC
Owner Address:	3601 EMPIRE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	BURBANK, CA 915050000
Contact Name:	DEACT PER VQ96
Contact Address:	3601 EMPIRE AVE
Contact Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915050000

B17 **TYLIE JONES AND ASSOCIATES** **CA WIP** **S106764399**
SSW **2240 SCREENLAND DR** **N/A**
< 1/8 **BURBANK, CA 91505**
0.043 mi.
225 ft. **Site 3 of 4 in cluster B**

Relative: **Lower**

Actual: **668 ft.**

WIP:

Name:	TYLIE JONES AND ASSOCIATES
Address:	2240 Screenland Dr
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.0147
File Status:	**Historical**
Staff:	LM
Facility Suite:	Not reported

B18 **JOHNSON DIELECTRICS INC** **RCRA-SQG** **1000320791**
SSW **2220 SCREENLAND DR** **FINDS** **CAD056430820**
< 1/8 **BURBANK, CA 91505** **ECHO**
0.055 mi. **CA EMI**
290 ft. **Site 4 of 4 in cluster B** **CA HAZNET**
CA HWTS

Relative: **Lower**

Actual: **667 ft.**

RCRA-SQG:

Date form received by agency:	1996-09-01 00:00:00.0
Facility name:	JOHNSON DIELECTRICS INC
Facility address:	2220 SCREENLAND DR BURBANK, CA 91505
EPA ID:	CAD056430820
Mailing address:	PO BOX 6456 BURBANK, CA 91505
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

JOHNSON DIELECTRICS INC (Continued) **1000320791**

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:	N ERIC JOHANSON
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:	1996-09-01 00:00:00.0
Site name:	JOHNSON DIELECTRICS INC
Classification:	Small Quantity Generator

Date form received by agency:	1980-08-18 00:00:00.0

JOHNSON DIELECTRICS INC (Continued) **1000320791**

Site name: JOHNSON DIELECTRICS INC
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110002650747
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002650747

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: 1000320791
Registry ID: 110002650747
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002650747
Name: JOHNSON DIELECTRICS INC
Address: 2220 SCREENLAND DR
City,State,Zip: BURBANK, CA 91505

EMI:
Name: JOHANSON DIELECTRICS INC.
Address: 2220 SCREENLAND DR
City,State,Zip: BURBANK, CA 915050000
Year: 1993
County Code: 19
Air Basin: SC
Facility ID: 50755
Air District Name: SC
SIC Code: 3675
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: 97
Reactive Organic Gases Tons/Yr: 47
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: JOHANSON DIELECTRICS INC.
Address: 2220 SCREENLAND DR
City,State,Zip: BURBANK, CA 915050000
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 50755
Air District Name: SC

JOHNSON DIELECTRICS INC (Continued) **1000320791**

SIC Code:	3675
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:	97
Reactive Organic Gases Tons/Yr:	47
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:

Name:	JOHNSON DIELECTRICS INC
Address:	2220 SCREENLAND DR
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915050000
Contact:	INACTIVE PER 95 FEE FORM
Telephone:	8188418500
Mailing Name:	Not reported
Mailing Address:	15191 BLEDSOE ST
Year:	1994
Gepaid:	CAD056430820
TSD EPA ID:	CAD008364432
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	-
Tons:	0.09
Year:	1994
Gepaid:	CAD056430820
TSD EPA ID:	CAD008364432
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	-
Tons:	0
Year:	1994
Gepaid:	CAD056430820
TSD EPA ID:	CAD008364432
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	-
Tons:	0.688
Year:	1994
Gepaid:	CAD056430820
TSD EPA ID:	CAD008364432
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	-
Tons:	2.2935
Year:	1994
Gepaid:	CAD056430820
TSD EPA ID:	UTD991301748
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.924

JOHNSON DIELECTRICS INC (Continued) **1000320791**

Year: 1994
Gepaid: CAD056430820
TSD EPA ID: CAD077182293
CA Waste Code: 131 - Aqueous solution (2 < pH < 12.5) containing reactive anions ...
Disposal Method: R01 - Recycler
Tons: 1.8348

Year: 1994
Gepaid: CAD056430820
TSD EPA ID: CAD008364432
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: T01 - Treatment, Tank
Tons: 3.444

Year: 1994
Gepaid: CAD056430820
TSD EPA ID: CAD008364432
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: T01 - Treatment, Tank
Tons: 0.3564

Year: 1993
Gepaid: CAD056430820
TSD EPA ID: CAD008364432
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: R01 - Recycler
Tons: 3.6036

Year: 1993
Gepaid: CAD056430820
TSD EPA ID: UTD95001
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: D80 - Disposal, Land Fill
Tons: 7.161

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

Additional Info:
Year: 1993
Gen EPA ID: CAD056430820

Shipment Date: 19931202
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931202
Manifest ID: 92656044
Trans EPA ID: CAD008364432
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008364432
Trans Name: Not reported
TSDF Alt EPA ID: CAD008364432
TSDF Alt Name: Not reported
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: D001

JOHNSON DIELECTRICS INC (Continued) **1000320791**

Disposal Method:	R01 - Recycler
Quantity Tons:	0.3564
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:	19931202
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931202
Manifest ID:	92656044
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
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:	1.0692
Waste Quantity:	324
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:	19930914
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930914
Manifest ID:	92655302
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
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:	0.9075
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

JOHNSON DIELECTRICS INC (Continued) **1000320791**

Shipment Date:	19930914
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930914
Manifest ID:	92655302
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
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:	1.2705
Waste Quantity:	385
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:	19930426
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930510
Manifest ID:	91620489
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	TXD988052494
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD95001
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	3.003
Waste Quantity:	715
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:	19930416
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930419
Manifest ID:	91620487
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009230244
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD009452657

JOHNSON DIELECTRICS INC (Continued) **1000320791**

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:	D99 - Disposal, Other
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
Shipment Date:	19930413
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930415
Manifest ID:	91620486
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009230244
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:	0.726
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:	19930413
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930415
Manifest ID:	91620486
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009230244
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:	0.5445
Waste Quantity:	165

JOHNSON DIELECTRICS INC (Continued) **1000320791**

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:	19930303
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930308
Manifest ID:	91620479
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	TXD988052499
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
Trans Name:	Not reported
TSDF Alt EPA ID:	UTD95001
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	4.158
Waste Quantity:	990
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:	19930302
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19930304
Manifest ID:	91620478
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	CAD009230244
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:	0.825
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

Additional Info:

Year:	1994

JOHNSON DIELECTRICS INC (Continued) **1000320791**

Gen EPA ID:	CAD056430820
Shipment Date:	19940331
Creation Date:	3/25/1996 0:00:00
Receipt Date:	Not reported
Manifest ID:	92655856
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
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:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
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:	19940331
Creation Date:	3/25/1996 0:00:00
Receipt Date:	Not reported
Manifest ID:	92655856
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
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:	D001
Disposal Method:	- Not reported
Quantity Tons:	2.2935
Waste Quantity:	550
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:	19940331
Creation Date:	3/25/1996 0:00:00
Receipt Date:	Not reported
Manifest ID:	92655856
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

JOHNSON DIELECTRICS INC (Continued) **1000320791**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
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:	0.09
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:	19940331
Creation Date:	3/25/1996 0:00:00
Receipt Date:	Not reported
Manifest ID:	92655856
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
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:	D001
Disposal Method:	- Not reported
Quantity Tons:	0.688
Waste Quantity:	165
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:	19940324
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940329
Manifest ID:	93027629
Trans EPA ID:	CAD009230244
Trans Name:	Not reported
Trans 2 EPA ID:	TXD988052494
Trans 2 Name:	Not reported
TSDF EPA ID:	UTD991301748
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0.924

JOHNSON DIELECTRICS INC (Continued) **1000320791**

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:	19940317
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940317
Manifest ID:	92655627
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	2.31
Waste Quantity:	550
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:	19940303
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940304
Manifest ID:	91620520
Trans EPA ID:	DED981110166
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD077182293
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	131 - Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions
RCRA Code:	F007
Disposal Method:	R01 - Recycler
Quantity Tons:	1.8348
Waste Quantity:	440
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

JOHNSON DIELECTRICS INC (Continued) **1000320791**

Shipment Date:	19940225
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940225
Manifest ID:	92658677
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	1.134
Waste Quantity:	270
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:	19940225
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940225
Manifest ID:	92658677
Trans EPA ID:	CAD008364432
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.3564
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

HWTS:

Name:	JOHNSON DIELECTRICS INC
Address:	2220 SCREENLAND DR
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915050000
EPA ID:	CAD056430820
Inactive Date:	06/30/1995
Create Date:	07/23/1982
Last Act Date:	09/14/2004

JOHNSON DIELECTRICS INC (Continued) **1000320791**

Mailing Name: Not reported
Mailing Address: 15191 BLEDSOE ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SYLMAR, CA 913420000
Owner Name: N ERIC JOHANSON
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: INACTIVE PER 95 FEE FORM
Contact Address: --
Contact Address 2: Not reported
City,State,Zip: --, 99 --

NAICS:
EPA ID: CAD056430820
Create Date: 2002-03-14 16:36:26
NAICS Code: 3342
NAICS Description: Communications Equipment Manufacturing
Issued EPA ID Date: 1982-07-23 00:00:00
Inactive Date: 1995-06-30 00:00:00
Facility Name: JOHNSON DIELECTRICS INC
Facility Address: 2220 SCREENLAND DR
Facility Address 2: Not reported
Facility City: BURBANK
Facility County: 19
Facility State: CA
Facility Zip: 915050000

E19 **LOCKEED FEDERAL CREDIT UNION** **CA CERS TANKS** **S112971461**
East **2340 N HOLLYWOOD WAY** **CA HAZNET** **N/A**
< 1/8 **BURBANK, CA 91505** **CA CERS**
0.064 mi. **CA HWTS**
338 ft. **Site 1 of 5 in cluster E**

Relative: **Lower**
Actual: **667 ft.**

CERS TANKS:
Name: LOGIX FEDERAL CREDIT UNION
Address: 2340 N HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
Site ID: 44858
CERS ID: 10229449
CERS Description: Underground Storage Tank

HAZNET:
Name: LOCKEED FEDERAL CREDIT UNION
Address: 2340 N HOLLYWOOD WAY
Address 2: Not reported
City,State,Zip: BURBANK, CA 915051124
Contact: STEVE MCCROSKEY
Telephone: 8189293698
Mailing Name: Not reported
Mailing Address: 2340 N HOLLYWOOD WAY

Year: 2008
Gepaid: CAC002632252
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site

LOCKEED FEDERAL CREDIT UNION (Continued) **S112971461**

Tons: 0.3375

Additional Info:
Year: 2008
Gen EPA ID: CAC002632252

Shipment Date: 20080723
Creation Date: 1/15/2009 18:30:42
Receipt Date: 20080725
Manifest ID: 003858857JJK
Trans EPA ID: CAL000264806
Trans Name: EXPRESS OIL CO
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: 214 - Unspecified solvent mixture
RCRA Code: F003
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.15
Waste Quantity: 300
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: 20080723
Creation Date: 1/15/2009 18:30:42
Receipt Date: 20080725
Manifest ID: 003858857JJK
Trans EPA ID: CAL000264806
Trans Name: EXPRESS OIL CO
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: 214 - Unspecified solvent mixture
RCRA Code: F003
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.1875
Waste Quantity: 375
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

CERS:

LOCKEED FEDERAL CREDIT UNION (Continued) **S112971461**

Name: LOGIX FEDERAL CREDIT UNION
Address: 2340 N HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
Site ID: 44858
CERS ID: 10229449
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 44858
Site Name: LOGIX FEDERAL CREDIT UNION
Violation Date: 02-01-2017
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 02/13/2017. Underground Storage Tank form in CERS was incomplete. Sent to City of Burbank's City Attorney's Office for civil litigation. Return to Compliance by submitting Accepted Underground Storage Tank section.
Violation Division: Burbank Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 44858
Site Name: LOGIX FEDERAL CREDIT UNION
Violation Date: 09-04-2015
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description: Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes: Returned to compliance on 03/14/2016. Water was found in Sump, Service Tech believes it is coming from the sprinklers in the planters. The water in the sump was removed and the sprinklers will be kept off until problem is resolved.work will begein to fix the problem.
Violation Division: Burbank Fire Department
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-05-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTED BY DIRK DROSSEL NO VIOLATIONS
Eval Division: Burbank Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Annual Inspection Completed By Daniel King
Eval Division: Burbank Fire Department
Eval Program: UST
Eval Source: CERS

LOCKEED FEDERAL CREDIT UNION (Continued) **S112971461**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-11-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Annual Inspection Completed By Daniel King.
Eval Division:	Burbank Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-15-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Annual Inspection Completed By Daniel King.
Eval Division:	Burbank Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-04-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Annual Inspection Completed By Daniel King. Monitoring Certification Completed by Privateer Environmental.System has been Repaired and Retested By Privateer Enviromental.
Eval Division:	Burbank Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	02-01-2017
Violations Found:	Yes
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not an inspection at physical location. Violation of not submitting correctly to CERS for FY 2016-17. See Violation for more information.
Eval Division:	Burbank Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-24-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Annual Inspection Completed By Daniel King.
Eval Division:	Burbank Fire Department
Eval Program:	UST
Eval Source:	CERS

Enforcement Action:

Site ID:	44858
Site Name:	LOGIX FEDERAL CREDIT UNION
Site Address:	2340 N HOLLYWOOD WAY
Site City:	BURBANK
Site Zip:	91505
Enf Action Date:	02-01-2017
Enf Action Type:	Referral to County Council or City Attorney
Enf Action Description:	Referral to County Council or City Attorney

LOCKEED FEDERAL CREDIT UNION (Continued) **S112971461**

Enf Action Notes: Not reported
Enf Action Division: Burbank Fire Department
Enf Action Program: UST
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Steve McCroskey
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: LOCKHEED FCU
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 Permit Applicant
Entity Name: Jody Evans
Entity Title: Vice President Facilities/ Office Services
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (818) 565-2221

Affiliation Type Desc: UST Tank Owner
Entity Name: Jody Evans
Entity Title: Not reported
Affiliation Address: PO Box 6759
Affiliation City: Burbank
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91510
Affiliation Phone: (818) 565-2275

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact

LOCKEED FEDERAL CREDIT UNION (Continued) **S112971461**

Entity Name:	Mark Antony
Entity Title:	Not reported
Affiliation Address:	27301 Cedar Court
Affiliation City:	Moreno Valley
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92555
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2340 N HOLLYWOOD WAY
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91505
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Jody Evans
Entity Title:	VP Facilities/ Office Services
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:	LOCKHEED FEDERAL CREDIT UNION
Entity Title:	Not reported
Affiliation Address:	2340 N HOLLYWOOD WAY
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91505
Affiliation Phone:	(818) 565-2276
Affiliation Type Desc:	Operator
Entity Name:	Logix Federal Credit Union
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:	(818) 565-2275
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Logix Federal Credit Union
Entity Title:	Not reported
Affiliation Address:	PO Box 6759
Affiliation City:	Burbank
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91510

LOCKEED FEDERAL CREDIT UNION (Continued) **S112971461**

Affiliation Phone: (818) 565-2275

Affiliation Type Desc: UST Tank Operator
Entity Name: Mark Antony
Entity Title: Not reported
Affiliation Address: 27301 Cedar Ct
Affiliation City: Moreno Valley
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92555
Affiliation Phone: (310) 346-3981

HWTS:
Name: LOCKEED FEDERAL CREDIT UNION
Address: 2340 N HOLLYWOOD WAY
Address 2: Not reported
City,State,Zip: BURBANK, CA 915051124
EPA ID: CAC002673215
Inactive Date: 02/06/2012
Create Date: 08/09/2011
Last Act Date: 08/09/2011
Mailing Name: Not reported
Mailing Address: 2340 N HOLLYWOOD WAY
Mailing Address 2: Not reported
Mailing City,State,Zip: BURBANK, CA 915051124
Owner Name: LOCKEED FEDERAL CREDIT UNION
Owner Address: 2340 N HOLLYWOOD WAY
Owner Address 2: Not reported
Owner City,State,Zip: BURBANK, CA 915051124
Contact Name: GILBERT BRIONES
Contact Address: 2340 N HOLLYWOOD WAY
Contact Address 2: Not reported
City,State,Zip: BURBANK, CA 915051124

Name: LOCKEED FEDERAL CREDIT UNION
Address: 2340 N HOLLYWOOD WAY
Address 2: Not reported
City,State,Zip: BURBANK, CA 915051124
EPA ID: CAC002632252
Inactive Date: 01/04/2009
Create Date: 07/07/2008
Last Act Date: 02/04/2009
Mailing Name: Not reported
Mailing Address: 2340 N HOLLYWOOD WAY
Mailing Address 2: Not reported
Mailing City,State,Zip: BURBANK, CA 915051124
Owner Name: LOCKEED FEDERAL CREDIT UNION
Owner Address: 2340 N HOLLYWOOD WAY
Owner Address 2: Not reported
Owner City,State,Zip: BURBANK, CA 915051124
Contact Name: STEVE MCCROSKEY
Contact Address: 2340 N HOLLYWOOD WAY
Contact Address 2: Not reported
City,State,Zip: BURBANK, CA 915051124

E20 **LOCKHEED FEDERAL CREDIT UNION** **CA SWEEPS UST** **S104569183**
East **2340 HOLLYWOOD WAY** **N/A**
< 1/8 **BURBANK, CA 91510**
0.064 mi.
338 ft. **Site 2 of 5 in cluster E**

Relative: **Lower**

Actual: **667 ft.**

SWEEPS UST:

Name:	LOCKHEED FEDERAL CREDIT UNION
Address:	2340 HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	2340
Number:	1
Board Of Equalization:	44-034875
Referral Date:	06-14-93
Action Date:	06-14-93
Created Date:	06-14-93
Owner Tank Id:	1
SWRCB Tank Id:	19-007-002340-000001
Tank Status:	A
Capacity:	500
Active Date:	12-01-92
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

E21 **LOGIX FEDERAL CREDIT UNION** **CA UST** **U003775921**
East **2340 N HOLLYWOOD WAY** **N/A**
< 1/8 **BURBANK, CA 91505**
0.064 mi.
338 ft. **Site 3 of 5 in cluster E**

Relative: **Lower**

Actual: **667 ft.**

UST:

Name:	LOCKHEED FEDERAL CREDIT UNION
Address:	2340 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505
Facility ID:	2340
Permitting Agency:	BURBANK, CITY OF
Latitude:	34.1906763704482
Longitude:	-118.348244975671

Name:	LOGIX FEDERAL CREDIT UNION
Address:	2340 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505
Facility ID:	00246
Permitting Agency:	Los Angeles County Fire Department
Latitude:	34.19081
Longitude:	-118.34806

E22 ENE < 1/8 0.076 mi. 400 ft. **SEATON-WILSON INC**
3310 VANOWEN STREET
BURBANK, CA 91505

RCRA-SQG 1000417527
FINDS CAD085920908
ECHO

Site 4 of 5 in cluster E

Relative: Lower

Actual: 671 ft.

RCRA-SQG:

Date form received by agency:	1996-09-01 00:00:00.0
Facility name:	SEATON-WILSON INC
Facility address:	3310 VANOWEN STREET BURBANK, CA 91505
EPA ID:	CAD085920908
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:	SYSTRON-DONNER 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
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No

SEATON-WILSON INC (Continued) **1000417527**

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: 1980-11-13 00:00:00.0
Site name: SEATON-WILSON INC
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110008263217
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110008263217

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: 1000417527
Registry ID: 110008263217
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008263217
Name: SEATON-WILSON INC
Address: 3310 VANOWEN STREET
City,State,Zip: BURBANK, CA 91505

E23 **CONSOLIDATED ROUTING** **CA LOS ANGELES CO. HMS** **S104828089**
ENE **3310 VANOWEN ST** **CA WIP** **N/A**
< 1/8 **BURBANK, CA 91502**
0.076 mi.
400 ft. **Site 5 of 5 in cluster E**

Relative: **Lower**
Actual: **671 ft.**

LOS ANGELES CO. HMS:
Name: CONSOLIDATED ROUTING
Address: 3310 VANOWEN ST
City,State,Zip: BURBANK, CA 91502
Region: LA
Permit Category: Not reported
Facility Id: 025982-035468
Facility Type: Not reported
Facility Status: OPEN
Area: 3E

CONSOLIDATED ROUTING (Continued) **S104828089**

Permit Number: Not reported
Permit Status: Not reported

WIP:
Name: ACCURATE LASER INTERNATIONAL
Address: 3310 Vanowen St
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.1030
File Status: Historical
Staff: MPW
Facility Suite: Not reported

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24 **VEGA AIRCRAFT** **FUDS** **1024903914**
NNE **N/A**
< 1/8 **BURBANK, CA**
0.077 mi.
408 ft.

Relative: Higher
Actual: 678 ft.

FUDS:
EPA Region: 9
Installation ID: CA99799F997300
Congressional District Number: 28
Facility Name: VEGA AIRCRAFT
FUDS Number: J09CA7150
City: BURBANK
State: CA
County: LOS ANGELES
USACE District: Los Angeles District (SPL)
Status: Properties without projects
Current Owner: Local Government
EMS Map Link: https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=54255
Eligibility: Ineligible
Has Projects: No
NPL Status: Not Listed
X Coord: -118.34999999999999
Y Coord: 34.193055559999998
Latitude: 34.193055559999998
Longitude: -118.34999999999999

F25 **MIDNIGHT OIL AGENCY, INC.** **CA CERS HAZ WASTE** **S108432326**
NW **3800 VANOWEN ST** **CA EMI** **N/A**
< 1/8 **BURBANK, CA 91505** **CA CERS**
0.080 mi.
421 ft. **Site 1 of 2 in cluster F**

Relative: Higher
Actual: 682 ft.

CERS HAZ WASTE:
Name: MIDNIGHTOIL AGENCY, LLC
Address: 3800 VANOWEN ST
City,State,Zip: BURBANK, CA 91505
Site ID: 135126
CERS ID: 10229941
CERS Description: Hazardous Waste Generator

EMI:

MIDNIGHT OIL AGENCY, INC. (Continued) **S108432326**

Name:	LAGRAPHICO, INC
Address:	3800 VANOWEN ST
City,State,Zip:	BURBANK, CA 91505
Year:	2005
County Code:	19
Air Basin:	SC
Facility ID:	135892
Air District Name:	SC
SIC Code:	2752
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:	3.7713
Reactive Organic Gases Tons/Yr:	3.33122586
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:	LAGRAPHICO, INC
Address:	3800 VANOWEN ST
City,State,Zip:	BURBANK, CA 91505
Year:	2006
County Code:	19
Air Basin:	SC
Facility ID:	135892
Air District Name:	SC
SIC Code:	2752
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:	3.778085737422816074
Reactive Organic Gases Tons/Yr:	3.778
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:	LAGRAPHICO, INC
Address:	3800 VANOWEN ST
City,State,Zip:	BURBANK, CA 91505
Year:	2007
County Code:	19
Air Basin:	SC
Facility ID:	135892
Air District Name:	SC
SIC Code:	2752
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:	3.778085737422816074
Reactive Organic Gases Tons/Yr:	3.778
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

MIDNIGHT OIL AGENCY, INC. (Continued) **S108432326**

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

Name: LAGRAPHICO, INC
Address: 3800 VANOWEN ST
City,State,Zip: BURBANK, CA 91505
Year: 2008
County Code: 19
Air Basin: SC
Facility ID: 135892
Air District Name: SC
SIC Code: 2752
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: 3.335130073894118837
Reactive Organic Gases Tons/Yr: 3.31111
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: LAGRAPHICO, INC
Address: 3800 VANOWEN ST
City,State,Zip: BURBANK, CA 91505
Year: 2009
County Code: 19
Air Basin: SC
Facility ID: 135892
Air District Name: SC
SIC Code: 2752
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: 3.9395616965279801
Reactive Organic Gases Tons/Yr: 3.8999999999999999
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: LAGRAPHICO, INC
Address: 3800 VANOWEN ST
City,State,Zip: BURBANK, CA 91505
Year: 2010
County Code: 19
Air Basin: SC
Facility ID: 135892
Air District Name: SC
SIC Code: 2752
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: 3.49815029861321
Reactive Organic Gases Tons/Yr: 3.4615

MIDNIGHT OIL AGENCY, INC. (Continued) **S108432326**

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:	LAGRAPHICO, INC
Address:	3800 VANOWEN ST
City,State,Zip:	BURBANK, CA 91505
Year:	2011
County Code:	19
Air Basin:	SC
Facility ID:	135892
Air District Name:	SC
SIC Code:	2752
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:	2.6983445025
Reactive Organic Gases Tons/Yr:	2.6744
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:	MIDNIGHT OIL AGENCY, INC.
Address:	3800 VANOWEN ST
City,State,Zip:	BURBANK, CA 91505
Year:	2013
County Code:	19
Air Basin:	SC
Facility ID:	135892
Air District Name:	SC
SIC Code:	2752
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:	1.1997812157
Reactive Organic Gases Tons/Yr:	1.1921
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:	MIDNIGHT OIL AGENCY, INC.
Address:	3800 VANOWEN ST
City,State,Zip:	BURBANK, CA 91505
Year:	2016
County Code:	19
Air Basin:	SC
Facility ID:	135892
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported

MIDNIGHT OIL AGENCY, INC. (Continued) **S108432326**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.99411049027
Reactive Organic Gases Tons/Yr:	0.826675
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	Not reported
Part. Matter 10 Micrometers and Smllr Tons/Yr:	Not reported

CERS:

Name:	MIDNIGHTOIL AGENCY, LLC
Address:	3800 VANOWEN ST
City,State,Zip:	BURBANK, CA 91505
Site ID:	135126
CERS ID:	10229941
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	135126
Site Name:	MidnightOil Agency, LLC
Violation Date:	06-12-2017
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 02/27/2018. OBSERVATION: 1x55 gal ink sludge, 1x20 gal gear oil, 1x55 gal gear oil located in the hazardous waste storage enclosure was observed without the following information on the label: accumulation start date or missing a hazardous waste label. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-10-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspection by K. Kacmar. No HMRRP violations.
Eval Division:	Burbank Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-12-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Luis Flores
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

MIDNIGHT OIL AGENCY, INC. (Continued) **S108432326**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Hazardous materials inspection completed. No HMRRP violations.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 02-27-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: Luis Flores
Entity Title: Facilities 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: Legal Owner
Entity Name: Imagine Holdings LLC
Entity Title: Not reported
Affiliation Address: 1000 Valley Park Drive
Affiliation City: Shakopee
Affiliation State: MN
Affiliation Country: United States
Affiliation Zip: 55379
Affiliation Phone: (800) 942-7088

Affiliation Type Desc: Parent Corporation
Entity Name: LA GRAPHICO
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: Property Owner
Entity Name: kfs properties Inc
Entity Title: Not reported
Affiliation Address: 71 Montana Ave, suite C
Affiliation City: Santa Monica
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90403

MIDNIGHT OIL AGENCY, INC. (Continued) **S108432326**

Affiliation Phone:	(310) 576-6666
Affiliation Type Desc:	Document Preparer
Entity Name:	John Nutting
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:	Luis Flores
Entity Title:	Not reported
Affiliation Address:	3800 Vanowen Street, suite 101
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91505
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3800 Vanowen Street, Suite 101
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91505
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4045
Affiliation Type Desc:	Operator
Entity Name:	Luis Flores
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:	(818) 295-6180

F26
NW
< 1/8
0.082 mi.
432 ft.

MIDNIGHT OIL AGENCY INC
3800 W. VANOWEN ST
BURBANK, CA 91505

Site 2 of 2 in cluster F

RCRA NonGen / NLR **1001022952**
CAR000002964

Relative:
Higher

Actual:
682 ft.

RCRA NonGen / NLR:

Date form received by agency:	2006-02-16 00:00:00.0
Facility name:	MIDNIGHT OIL AGENCY INC
Site name:	LAGRAPHICO
Facility address:	3800 W. VANOWEN ST BURBANK, CA 91505
EPA ID:	CAR000002964
Contact:	KEVIN GOLDSACK
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	818-295-6193
Contact email:	KGOLDSACK@LAGRAPHICO.COM
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	LAGRAPHICO
Owner/operator address:	3800 W. VANOWEN ST BURBANK, CA 91505
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	1999-01-01 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	LAGRAPHICO
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:	1999-01-01 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

MIDNIGHT OIL AGENCY INC (Continued) **1001022952**

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: 2003-04-24 00:00:00.0
Site name: LAGRAPHICO INC
Classification: Small Quantity Generator

Date form received by agency: 2002-02-26 00:00:00.0
Site name: AGFA CORPORATI0N
Classification: Large Quantity Generator

Date form received by agency: 2000-10-12 00:00:00.0
Site name: AGFA CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 1999-03-04 00:00:00.0
Site name: AGFA DIVISION OF BAYER
Classification: Large Quantity Generator

Date form received by agency: 1999-01-15 00:00:00.0
Site name: AGFA CORP
Classification: Large Quantity Generator

Date form received by agency: 1995-10-17 00:00:00.0
Site name: MIDNIGHT OIL AGENCY INC
Classification: Not a generator, verified

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. 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

MIDNIGHT OIL AGENCY INC (Continued) **1001022952**

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.

Violation Status: No violations found

G27 **LEE FILTERS** **CA CPS-SLIC S106484419**
SSE **2237 HOLLYWOOD WAY** **CA ENF N/A**
< 1/8 **BURBANK, CA 91505** **CA WIP**
0.084 mi. **CA CERS**
446 ft. **Site 1 of 10 in cluster G**

Relative:
Lower

Actual:
661 ft.

CPS-SLIC:

Name:	LEE FILTERS
Address:	2237 HOLLYWOOD WAY.
City,State,Zip:	BURBANK, CA 91505
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/19/2014
Global Id:	SL603798589
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1895985287545
Longitude:	-118.34951256218
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	104.0023
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

ENF:

Name:	LEE FILTERS (FORMER ZIPCO)
Address:	2237 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91505
Region:	4
Facility Id:	236780
Agency Name:	Lee Filters (Former Zipco)
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.189049
Place Longitude:	-118.349036
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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

LEE FILTERS (Continued) **S106484419**

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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1040023
Reg Measure Id:	161669
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	235150
Region:	4
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	03/08/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	03/08/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1040023

LEE FILTERS (Continued) **S106484419**

Description:	Notice of Violation sent 3/8/01 for overdue chemical use questionnaire.
Program:	WIP
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

Name:	LEE FILTERS (FORMER ZIPCO)
Address:	2237 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91505
Region:	4
Facility Id:	236780
Agency Name:	Lee Filters (Former Zipco)
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.189049
Place Longitude:	-118.349036
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1040023
Reg Measure Id:	161669
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported

LEE FILTERS (Continued) **S106484419**

Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	226373
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	11/29/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/29/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1040023
Description:	Not reported
Program:	WIP
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

WIP:

Name:	LEE FILTERS
Address:	2237 Hollywood Way
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.0023
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

LEE FILTERS (Continued) **S106484419**

CERS:
- Name: LEE FILTERS
- Address: 2237 HOLLYWOOD WAY.
- City,State,Zip: BURBANK, CA 91505
- Site ID: 223319
- CERS ID: SL603798589
- CERS Description: Cleanup Program Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
- Entity Title: Not reported
- Affiliation Address: 320 W. 4TH ST., SUITE 200
- Affiliation City: LOS ANGELES
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

H28 **COLOR WEST INC** **RCRA-SQG** **1000340740**
SE **2228 N HOLLYWOOD WAY** **CA CERS HAZ WASTE** **CAD982522948**
< 1/8 **BURBANK, CA 91505** **FINDS**
0.086 mi. **ECHO**
452 ft. **Site 1 of 2 in cluster H** **CA EMI**
CA HAZNET
Relative: Lower **NY MANIFEST**
CA HWTS
Actual: 661 ft.

RCRA-SQG:
- Date form received by agency: 1989-04-13 00:00:00.0
- Facility name: COLOR WEST INC
- Facility address: 2228 N HOLLYWOOD WAY
  BURBANK, CA 91505
- EPA ID: CAD982522948
- Contact: ENVIRONMENTAL MANAGER
- Contact address: 2228 N HOLLYWOOD WAY
  BURBANK, CA 91505
- Contact country: US
- Contact telephone: 818-840-8881
- 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: LYNN JENSEN
- 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

COLOR WEST INC (Continued) **1000340740**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

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

Violation Status: No violations found

CERS HAZ WASTE:
Name: DIE WEST INC
Address: 2228 N HOLLYWOOD WAY # A
City,State,Zip: BURBANK, CA 91505
Site ID: 111522
CERS ID: 10229401
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 111522
Site Name: DIE WEST INC
Violation Date: 12-10-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/03/2015.
Violation Division: Burbank Fire Department
Violation Program: HMRRP

COLOR WEST INC (Continued) **1000340740**

Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 12-10-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS submittal has not been submitted for FY 2014-15.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 01-14-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Inspection by K. Kacmar. Informed Fire Department that the facility had lowered quantities and that they will be moving in 2-3 months. Quantities have been lowered and they are currently under CUPA reporting thresholds.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-10-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 111522
Site Name: DIE WEST INC
Site Address: 2228 N HOLLYWOOD WAY # A
Site City: BURBANK
Site Zip: 91505
Enf Action Date: 08-05-2015
Enf Action Type: Referral to County Council or City Attorney
Enf Action Description: Referral to County Council or City Attorney
Enf Action Notes: Fines/Penalties Assessed: $485.00.
Enf Action Division: Burbank Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027

COLOR WEST INC (Continued) **1000340740**

Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact
Entity Name: Scott Jensen
Entity Title: Not reported
Affiliation Address: PO Box 10879
Affiliation City: Burbank
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91510
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: PO Box 10879
Affiliation City: Burbank
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91510
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Lynn Jensen
Entity Title: Not reported
Affiliation Address: 3405 Pacific Ave
Affiliation City: Burbank
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91505
Affiliation Phone: (818) 840-8881

Affiliation Type Desc: Operator
Entity Name: Lynn Jensen
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: (818) 840-8881

Affiliation Type Desc: Document Preparer
Entity Name: Scott Jensen
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: Identification Signer
Entity Name: Scott Jensen
Entity Title: Manager
Affiliation Address: Not reported
Affiliation City: Not reported

COLOR WEST INC (Continued) **1000340740**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Die West, 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

FINDS:

Registry ID:	110002841499
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002841499

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:	1000340740
Registry ID:	110002841499
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002841499
Name:	COLOR WEST INC
Address:	2228 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505

EMI:

Name:	COLOR WEST LITHOGRAPHY INC
Address:	2228 N HOLLYWOOD WAY & 3405
City,State,Zip:	BURBANK, CA 915050000
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	800287
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported

COLOR WEST INC (Continued) **1000340740**

Total Organic Hydrocarbon Gases Tons/Yr:	27
Reactive Organic Gases Tons/Yr:	12
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:	COLOR WEST LITHOGRAPHY INC
Address:	2228 N HOLLYWOOD WAY/3405 PAC
City,State,Zip:	BURBANK, CA 915050000
Year:	1993
County Code:	19
Air Basin:	SC
Facility ID:	800287
Air District Name:	SC
SIC Code:	2752
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:	COLOR WEST LITHOGRAPHY INC
Address:	2228 N HOLLYWOOD WAY/3405 PAC
City,State,Zip:	BURBANK, CA 915050000
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	800287
Air District Name:	SC
SIC Code:	2752
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:	COLOR WEST LITHOGRAPHY INC
Address:	2228 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 915050000
Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	800287
Air District Name:	SC
SIC Code:	2752

COLOR WEST INC (Continued) **1000340740**

Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	21
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COLOR WEST LITHOGRAPHY INC
Address:	2228 N HOLLYWOOD WAY/3405 PAC
City,State,Zip:	BURBANK, CA 915050000
Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	800287
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COLOR WEST LITHOGRAPHY INC
Address:	2228 N HOLLYWOOD WAY/3405 PAC
City,State,Zip:	BURBANK, CA 915050000
Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	800287
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COLOR WEST LITHOGRAPHY INC
Address:	2228 N HOLLYWOOD WAY/3405 PAC
City,State,Zip:	BURBANK, CA 915050000
Year:	1999
County Code:	19
Air Basin:	SC

COLOR WEST INC (Continued) **1000340740**

Facility ID:	800287
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COLOR WEST LITHOGRAPHY INC
Address:	2228 N HOLLYWOOD WAY/3405 PAC
City,State,Zip:	BURBANK, CA 915050000
Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	800287
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COLOR WEST LITHOGRAPHY INC
Address:	2228 N HOLLYWOOD WAY/3405 PAC
City,State,Zip:	BURBANK, CA 915050000
Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	800287
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	COLOR WEST LITHOGRAPHY INC UNI
Address:	2228 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505

COLOR WEST INC (Continued) **1000340740**

Year:	2009
County Code:	19
Air Basin:	SC
Facility ID:	53453
Air District Name:	SC
SIC Code:	2752
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:	3.15175827512906
Reactive Organic Gases Tons/Yr:	3.1400000000000001
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:	COLOR WEST LITHOGRAPHY INC UNI
Address:	2228 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505
Year:	2010
County Code:	19
Air Basin:	SC
Facility ID:	53453
Air District Name:	SC
SIC Code:	2752
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:	2.2772864065188698
Reactive Organic Gases Tons/Yr:	2.26973
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:

Name:	COLOR WEST INC
Address:	2228 N HOLLYWOOD WAY
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915050000
Contact:	GARY MUIR
Telephone:	8188408881
Mailing Name:	Not reported
Mailing Address:	2228 N HOLLYWOOD WAY
Year:	2015
Gepaid:	CAD982522948
TSD EPA ID:	AZR000501510
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.374
Year:	2015
Gepaid:	CAD982522948

COLOR WEST INC (Continued) **1000340740**

TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.594

Year: 2015
Gepaid: CAD982522948
TSD EPA ID: CAT080013352
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 9.054

Year: 2014
Gepaid: CAD982522948
TSD EPA ID: AZR000501510
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.187

Year: 2014
Gepaid: CAD982522948
TSD EPA ID: CAT080013352
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.584

Year: 2013
Gepaid: CAD982522948
TSD EPA ID: AZR000501510
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.561

Year: 2013
Gepaid: CAD982522948
TSD EPA ID: CAT080013352
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.198

Year: 2012
Gepaid: CAD982522948
TSD EPA ID: CAT080013352
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.99

Year: 2012
Gepaid: CAD982522948
TSD EPA ID: AZR000501510
CA Waste Code: 343 - Unspecified organic liquid mixture

COLOR WEST INC (Continued) **1000340740**

Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.374

Year: 2011
Gepaid: CAD982522948
TSD EPA ID: CAT080013352
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.756

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

Additional Info:
Year: 1993
Gen EPA ID: CAD982522948

Shipment Date: 19931220
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931220
Manifest ID: 92518976
Trans EPA ID: CAD108040858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD108040858
Trans Name: Not reported
TSDF Alt EPA ID: CAD108040858
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Disposal Method: R01 - Recycler
Quantity Tons: 0.0625
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19931129
Creation Date: 9/14/1995 0:00:00
Receipt Date: 19931129
Manifest ID: 92519419
Trans EPA ID: CAD108040858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD108040858
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste

COLOR WEST INC (Continued) **1000340740**

RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931025
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92518476
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	- Not reported
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19931011
Creation Date:	9/13/1995 0:00:00
Receipt Date:	19931011
Manifest ID:	92512228
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

COLOR WEST INC (Continued) **1000340740**

Additional Code 5:	Not reported
Shipment Date:	19930827
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930827
Manifest ID:	92517561
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD108040858
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930715
Creation Date:	9/8/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92512725
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	- Not reported
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930607
Creation Date:	9/11/1995 0:00:00
Receipt Date:	19930607
Manifest ID:	92512868
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

COLOR WEST INC (Continued) **1000340740**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD108040858
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930503
Creation Date:	9/7/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92514227
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	- Not reported
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930322
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930322
Manifest ID:	92083173
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD108040858
TSDF Alt Name:	Not reported
CA Waste Code:	171 - Metal sludge (see 121
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0025

COLOR WEST INC (Continued) **1000340740**

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

Additional Info:

Year:	2004
Gen EPA ID:	CAD982522948
Shipment Date:	20040630
Creation Date:	11/5/2004 18:30:59
Receipt Date:	20040714
Manifest ID:	22638096
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENV
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:	0.5004
Waste Quantity:	120
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:	20040630
Creation Date:	11/5/2004 18:30:59
Receipt Date:	20040714
Manifest ID:	22638096
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENV
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:	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

COLOR WEST INC (Continued) **1000340740**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040610
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040621
Manifest ID:	22948626
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENV
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.3753
Waste Quantity:	90
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:	20040420
Creation Date:	10/15/2004 10:46:40
Receipt Date:	20040503
Manifest ID:	23468242
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND EN
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.3753
Waste Quantity:	90
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:	20040420
Creation Date:	10/14/2004 15:19:37
Receipt Date:	20040509
Manifest ID:	23024002
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC

COLOR WEST INC (Continued) **1000340740**

Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	KYD053348108
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	KYD053348108
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
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

Shipment Date:	20040331
Creation Date:	10/14/2004 15:19:37
Receipt Date:	20040501
Manifest ID:	23024654
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	KYD053348108
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	KYD053348108
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
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

Shipment Date:	20040331
Creation Date:	10/14/2004 7:49:48
Receipt Date:	20040406
Manifest ID:	22948078
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND ENV
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler

COLOR WEST INC (Continued) **1000340740**

Quantity Tons:	0.43785
Waste Quantity:	105
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:	20040317
Creation Date:	10/14/2004 7:35:58
Receipt Date:	20040326
Manifest ID:	22948631
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND EN
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.43785
Waste Quantity:	105
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:	20040317
Creation Date:	10/14/2004 7:49:48
Receipt Date:	20040415
Manifest ID:	23019134
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	KYD053348108
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	KYD053348108
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
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

COLOR WEST INC (Continued) **1000340740**

Shipment Date:	20040219
Creation Date:	8/23/2004 8:48:57
Receipt Date:	20040328
Manifest ID:	23010773
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	KYD053348108
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	0310690006
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.5
Waste Quantity:	1000
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:	2009
Gen EPA ID:	CAD982522948

Shipment Date:	20091109
Creation Date:	5/20/2010 18:30:47
Receipt Date:	20091124
Manifest ID:	002322545SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D039
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090610
Creation Date:	10/20/2009 18:30:09
Receipt Date:	20090623
Manifest ID:	001963687SKS
Trans EPA ID:	TXR000050930

COLOR WEST INC (Continued) **1000340740**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D039
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD982522948
Shipment Date:	20011204
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011213
Manifest ID:	21322637
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011031
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011106
Manifest ID:	20679376
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported

COLOR WEST INC (Continued) **1000340740**

TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011031
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011106
Manifest ID:	20679376
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011018
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011024
Manifest ID:	20679415
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported

COLOR WEST INC (Continued) **1000340740**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011018
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011024
Manifest ID:	20679415
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011004
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011010
Manifest ID:	20334826
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
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:	20011004
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20011010
Manifest ID:	20334826

COLOR WEST INC (Continued) **1000340740**

Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.1876
Waste Quantity:	45
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:	20010914
Creation Date:	11/1/2001 0:00:00
Receipt Date:	Not reported
Manifest ID:	21452167
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	- Not reported
RCRA Code:	D011
Disposal Method:	- Not reported
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:	20010914
Creation Date:	11/1/2001 0:00:00
Receipt Date:	Not reported
Manifest ID:	21452167
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste

COLOR WEST INC (Continued) **1000340740**

RCRA Code:	D011
Disposal Method:	- Not reported
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010831
Creation Date:	11/1/2001 0:00:00
Receipt Date:	20010911
Manifest ID:	20315407
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.1876
Waste Quantity:	45
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:	CAD982522948
Shipment Date:	20031230
Creation Date:	8/19/2004 11:23:49
Receipt Date:	20040116
Manifest ID:	22950203
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND ENV
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.43785
Waste Quantity:	105
Quantity Unit:	G

COLOR WEST INC (Continued) **1000340740**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031121
Creation Date:	8/30/2004 14:52:16
Receipt Date:	20031205
Manifest ID:	22948450
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND ENV
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
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:	20031110
Creation Date:	8/9/2004 8:46:56
Receipt Date:	20031120
Manifest ID:	22638395
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND ENV
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.18765
Waste Quantity:	45
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:	20031021
Creation Date:	8/5/2004 10:08:03
Receipt Date:	20031031

COLOR WEST INC (Continued) **1000340740**

Manifest ID:	22950168
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND ENV
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.43785
Waste Quantity:	105
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:	20030925
Creation Date:	8/3/2004 7:33:04
Receipt Date:	20031003
Manifest ID:	22638386
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND ENV
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.52125
Waste Quantity:	125
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:	20030903
Creation Date:	8/3/2004 7:33:04
Receipt Date:	20030912
Manifest ID:	22639140
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND ENV
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported

COLOR WEST INC (Continued) **1000340740**

CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
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:	20030813
Creation Date:	7/29/2004 7:43:54
Receipt Date:	20030822
Manifest ID:	22639135
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
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:	20030725
Creation Date:	7/28/2004 10:46:45
Receipt Date:	20030804
Manifest ID:	22308345
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

COLOR WEST INC (Continued) **1000340740**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030709
Creation Date:	7/28/2004 10:46:45
Receipt Date:	20030725
Manifest ID:	22885573
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
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:	20030701
Creation Date:	7/23/2004 13:22:40
Receipt Date:	20030708
Manifest ID:	22308746
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
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:	2011
Gen EPA ID:	CAD982522948
Shipment Date:	20111108
Creation Date:	4/13/2012 20:30:11

COLOR WEST INC (Continued) **1000340740**

Receipt Date:	20111121
Manifest ID:	003909406FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.187
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:	20111108
Creation Date:	1/27/2012 20:30:28
Receipt Date:	20111114
Manifest ID:	003909407FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
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:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.396
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:	20110303
Creation Date:	7/14/2011 18:30:40
Receipt Date:	20110314
Manifest ID:	003909074FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510

COLOR WEST INC (Continued) **1000340740**

Trans Name:	AA SYDCOL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.34
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:	20110303
Creation Date:	5/5/2011 18:30:12
Receipt Date:	20110310
Manifest ID:	003909075FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
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:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.36
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:	2010
Gen EPA ID:	CAD982522948
Shipment Date:	20100701
Creation Date:	9/10/2010 18:30:18
Receipt Date:	20100701
Manifest ID:	003055794FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

COLOR WEST INC (Continued) **1000340740**

CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.54
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:	20100512
Creation Date:	8/6/2010 18:30:48
Receipt Date:	20100512
Manifest ID:	003055713FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS ENVIRONMENTAL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.72
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:	20100512
Creation Date:	12/16/2010 18:30:46
Receipt Date:	20100517
Manifest ID:	003055715FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
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

COLOR WEST INC (Continued) **1000340740**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAD982522948
Shipment Date:	20131029
Creation Date:	3/6/2014 22:15:09
Receipt Date:	20131113
Manifest ID:	006861314FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.561
Waste Quantity:	165
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:	20131029
Creation Date:	12/20/2013 22:15:07
Receipt Date:	20131029
Manifest ID:	006861313FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
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:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.198
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

COLOR WEST INC (Continued) **1000340740**

Additional Info:

Year:	1999
Gen EPA ID:	CAD982522948
Shipment Date:	19991228
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000104
Manifest ID:	99529154
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
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:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.2502
Waste Quantity:	60
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:	19991228
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000104
Manifest ID:	99529154
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
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:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991213
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991217
Manifest ID:	99531128
Trans EPA ID:	ILD984908202

COLOR WEST INC (Continued) **1000340740**

Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
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:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.1725
Waste Quantity:	345
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:	19991213
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991217
Manifest ID:	99531128
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
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:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.072
Waste Quantity:	144
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:	19991201
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991207
Manifest ID:	99528113
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
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:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported

COLOR WEST INC (Continued) **1000340740**

Disposal Method:	H01 - Transfer Station
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:	19991201
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991201
Manifest ID:	98408645
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.187
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:	19991201
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991207
Manifest ID:	99528113
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
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:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COLOR WEST INC (Continued) **1000340740**

Shipment Date:	19991201
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991201
Manifest ID:	98408645
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
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:	D001
Disposal Method:	R01 - Recycler
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:	19991117
Creation Date:	2/1/2000 0:00:00
Receipt Date:	19991124
Manifest ID:	99523893
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
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:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19991104
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991104
Manifest ID:	98408040
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405

COLOR WEST INC (Continued) **1000340740**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.374
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:	2007
Gen EPA ID:	CAD982522948
Shipment Date:	20070905
Creation Date:	3/4/2008 18:30:55
Receipt Date:	20070917
Manifest ID:	000590801SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D039
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070716
Creation Date:	2/29/2008 18:30:06
Receipt Date:	20070731
Manifest ID:	000229307SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D039

COLOR WEST INC (Continued) **1000340740**

Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070420
Creation Date:	12/20/2007 18:30:07
Receipt Date:	20070507
Manifest ID:	000254564SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D039
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070220
Creation Date:	10/10/2007 18:30:08
Receipt Date:	20070305
Manifest ID:	000199406SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
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:	D039
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COLOR WEST INC (Continued) **1000340740**

Additional Info:

Year:	1996
Gen EPA ID:	CAD982522948
Shipment Date:	19960916
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960916
Manifest ID:	96118160
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0125
Waste Quantity:	3
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:	19960913
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960913
Manifest ID:	96118203
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960722
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960722
Manifest ID:	96121276
Trans EPA ID:	CAD108040858

COLOR WEST INC (Continued) **1000340740**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960513
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960513
Manifest ID:	96152766
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960311
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960311
Manifest ID:	93749454
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD108040858
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011

COLOR WEST INC (Continued) **1000340740**

Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960125
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960130
Manifest ID:	95886071
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
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

Additional Info:

Year:	2012
Gen EPA ID:	CAD982522948
Shipment Date:	20120710
Creation Date:	10/20/2012 22:15:09
Receipt Date:	20120717
Manifest ID:	005309969FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
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:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G

COLOR WEST INC (Continued) **1000340740**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120710
Creation Date:	6/1/2013 22:15:05
Receipt Date:	20120718
Manifest ID:	005309970FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.374
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:	20120131
Creation Date:	4/10/2012 20:30:14
Receipt Date:	20120202
Manifest ID:	003909472FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
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:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.792
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

COLOR WEST INC (Continued) **1000340740**

Additional Info:

Year:	2002
Gen EPA ID:	CAD982522948
Shipment Date:	20021218
Creation Date:	3/31/2003 18:31:15
Receipt Date:	20021230
Manifest ID:	22147213
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.18765
Waste Quantity:	45
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:	20021205
Creation Date:	3/31/2003 18:31:15
Receipt Date:	20021219
Manifest ID:	22149248
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.18765
Waste Quantity:	45
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:	20021023
Creation Date:	3/15/2003 18:30:36
Receipt Date:	20021105
Manifest ID:	22147584
Trans EPA ID:	SCR000075150

COLOR WEST INC (Continued) **1000340740**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.06255
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:	20021023
Creation Date:	3/15/2003 18:30:36
Receipt Date:	20021105
Manifest ID:	22147584
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
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:	20021015
Creation Date:	2/21/2003 10:42:43
Receipt Date:	20021025
Manifest ID:	21910905
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported

COLOR WEST INC (Continued) **1000340740**

Disposal Method:	R01 - Recycler
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:	20021015
Creation Date:	2/21/2003 10:42:43
Receipt Date:	20021025
Manifest ID:	21910905
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.06255
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:	20021003
Creation Date:	2/18/2003 18:31:24
Receipt Date:	20021018
Manifest ID:	22189364
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
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

COLOR WEST INC (Continued) **1000340740**

Shipment Date:	20021003
Creation Date:	2/18/2003 18:31:24
Receipt Date:	20021018
Manifest ID:	22189364
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.06255
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:	20020920
Creation Date:	1/28/2003 18:31:46
Receipt Date:	20020930
Manifest ID:	21970087
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
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:	20020910
Creation Date:	1/28/2003 18:31:46
Receipt Date:	20020923
Manifest ID:	21970085
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522

COLOR WEST INC (Continued) **1000340740**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.06255
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

Additional Info:

Year:	2014
Gen EPA ID:	CAD982522948
Shipment Date:	20141230
Creation Date:	3/26/2015 22:15:06
Receipt Date:	20150106
Manifest ID:	007720806FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
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:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.188
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
Shipment Date:	20140327
Creation Date:	6/6/2014 22:15:06
Receipt Date:	20140401
Manifest ID:	006861486FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
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:	214 - Unspecified solvent mixture

COLOR WEST INC (Continued) **1000340740**

RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.396
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:	20140327
Creation Date:	8/17/2014 22:15:12
Receipt Date:	20140404
Manifest ID:	006861485FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.187
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:	1995
Gen EPA ID:	CAD982522948
Shipment Date:	19951127
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951127
Manifest ID:	95931017
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625

COLOR WEST INC (Continued) **1000340740**

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:	19951002
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951002
Manifest ID:	95404924
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950927
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950929
Manifest ID:	95199565
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	ARD981908551
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
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:	19950705

COLOR WEST INC (Continued) **1000340740**

Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950705
Manifest ID:	95403656
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD108040858
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950628
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950630
Manifest ID:	95199403
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	ARD981908551
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	491 - Unspecified sludge waste
RCRA Code:	Not reported
Disposal Method:	- Not reported
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:	19950530
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950530
Manifest ID:	95017913
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported

COLOR WEST INC (Continued) **1000340740**

TSDF Alt EPA ID:	CAD108040858
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950525
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950531
Manifest ID:	95199268
Trans EPA ID:	CAD000083121
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	AZD049318009
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.17
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:	19950313
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950313
Manifest ID:	95020306
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported

COLOR WEST INC (Continued) **1000340740**

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: CAD982522948

Shipment Date: 19941227
Creation Date: 10/19/1995 0:00:00
Receipt Date: 19941227
Manifest ID: 95019334
Trans EPA ID: CAD108040858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD108040858
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Disposal Method: R01 - Recycler
Quantity Tons: 0.0625
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19941017
Creation Date: 3/28/1996 0:00:00
Receipt Date: 19941017
Manifest ID: 93750584
Trans EPA ID: CAD108040858
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD108040858
Trans Name: Not reported
TSDF Alt EPA ID: CAD108040858
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Disposal Method: R01 - Recycler
Quantity Tons: 0.0625
Waste Quantity: 15
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

COLOR WEST INC (Continued) **1000340740**

Shipment Date:	19940808
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940808
Manifest ID:	93749220
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD108040858
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940711
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940711
Manifest ID:	93749953
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD108040858
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940607
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940607
Manifest ID:	93113917
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858

COLOR WEST INC (Continued) **1000340740**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD108040858
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940505
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940502
Manifest ID:	93105959
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD108040858
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
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:	19940404
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940404
Manifest ID:	93105403
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G

COLOR WEST INC (Continued) **1000340740**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940307
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940307
Manifest ID:	93101736
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD108040858
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940201
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940201
Manifest ID:	92518340
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAD982522948

COLOR WEST INC (Continued) **1000340740**

Shipment Date:	20151216
Creation Date:	3/3/2016 22:15:11
Receipt Date:	20151218
Manifest ID:	008998005FLE
Trans EPA ID:	CAD980585293
Trans Name:	INDUSTRIAL WASTE UTILIZATION
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:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	6.93
Waste Quantity:	1925
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:	20151204
Creation Date:	9/26/2016 18:30:40
Receipt Date:	20151204
Manifest ID:	014231566JJK
Trans EPA ID:	CAL000388749
Trans Name:	ENVIRO-GUIDE 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:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.792
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:	20151012
Creation Date:	5/4/2016 22:15:36
Receipt Date:	20151023
Manifest ID:	014231483JJK
Trans EPA ID:	CAL000388749
Trans Name:	ENVIRO-GUIDE INC
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION

COLOR WEST INC (Continued) **1000340740**

TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.187
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:	20151012
Creation Date:	5/4/2016 22:15:42
Receipt Date:	20151012
Manifest ID:	014231484JJK
Trans EPA ID:	CAL000388749
Trans Name:	ENVIRO-GUIDE 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:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.594
Waste Quantity:	165
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:	20150724
Creation Date:	10/5/2015 22:15:27
Receipt Date:	20150724
Manifest ID:	007721063FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
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:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

COLOR WEST INC (Continued) **1000340740**

Quantity Tons:	1.53
Waste Quantity:	425
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:	20150205
Creation Date:	7/16/2015 22:15:08
Receipt Date:	20150220
Manifest ID:	007720849FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
Trans 2 EPA ID:	CAD980585293
Trans 2 Name:	INDUSTRIAL WASTE UTILIZATION
TSDF EPA ID:	AZR000501510
Trans Name:	AA SYDCOL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.187
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:	20150205
Creation Date:	4/21/2015 22:15:02
Receipt Date:	20150205
Manifest ID:	007720850FLE
Trans EPA ID:	CAR000075424
Trans Name:	ENVIRO-GUARD
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:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.594
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

COLOR WEST INC (Continued) **1000340740**

Additional Code 5: Not reported

Additional Info:
Year: 1997
Gen EPA ID: CAD982522948

Shipment Date: 19971124
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971124
Manifest ID: 96821963
Trans EPA ID: CAD983667783
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD983667783
Trans Name: Not reported
TSDF Alt EPA ID: HAHQ36 05012
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste
RCRA Code: D002
Disposal Method: R01 - Recycler
Quantity Tons: 0.4378
Waste Quantity: 105
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: 19970917
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19970917
Manifest ID: 96821881
Trans EPA ID: CAD983667783
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD983667783
Trans Name: Not reported
TSDF Alt EPA ID: HAHQ36 05012
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste
RCRA Code: D002
Disposal Method: R01 - Recycler
Quantity Tons: 0.3127
Waste Quantity: 75
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: 19970724
Creation Date: 12/4/1997 0:00:00
Receipt Date: 19970724

COLOR WEST INC (Continued) **1000340740**

Manifest ID:	96821811
Trans EPA ID:	CAD983667783
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983667783
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.5004
Waste Quantity:	120
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:	19970522
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970522
Manifest ID:	96821721
Trans EPA ID:	CAD983667783
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983667783
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.3669
Waste Quantity:	88
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:	19970403
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970403
Manifest ID:	96821641
Trans EPA ID:	CAD983667783
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983667783
Trans Name:	Not reported
TSDF Alt EPA ID:	HAHQ36 05012
TSDF Alt Name:	Not reported

COLOR WEST INC (Continued) **1000340740**

CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.3753
Waste Quantity:	90
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:	19970324
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970324
Manifest ID:	96711007
Trans EPA ID:	CAD108040858
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD108040858
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
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:	19970110
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970110
Manifest ID:	95779113
Trans EPA ID:	CAD983667783
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983667783
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.1876
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

COLOR WEST INC (Continued) **1000340740**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2008
Gen EPA ID: CAD982522948

Shipment Date: 20081107
Creation Date: 3/31/2009 18:30:08
Receipt Date: 20081114
Manifest ID: 001340868SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 343 - Unspecified organic liquid mixture
RCRA Code: D039
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: D018
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080605
Creation Date: 10/13/2008 18:30:32
Receipt Date: 20080613
Manifest ID: 000646775SKS
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: TXD077603371
Trans Name: SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 343 - Unspecified organic liquid mixture
RCRA Code: D039
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.4
Waste Quantity: 800
Quantity Unit: P
Additional Code 1: D018
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20080208
Creation Date: 7/22/2008 18:30:23

COLOR WEST INC (Continued) **1000340740**

Receipt Date:	20080219
Manifest ID:	000728036SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D039
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.4
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD982522948
Shipment Date:	19981221
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19981221
Manifest ID:	98254187
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.198
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:	19981030
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981030
Manifest ID:	98402586
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

COLOR WEST INC (Continued) **1000340740**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.198
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:	19980908
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980908
Manifest ID:	97316306
Trans EPA ID:	CAD983667783
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983667783
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.5629
Waste Quantity:	135
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:	19980828
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980828
Manifest ID:	98254650
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.374

COLOR WEST INC (Continued) **1000340740**

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:	19980707
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980707
Manifest ID:	98251867
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.187
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:	19980625
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980625
Manifest ID:	97316219
Trans EPA ID:	CAD983667783
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983667783
Trans Name:	Not reported
TSDF Alt EPA ID:	HAHQ36 05012
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.5712
Waste Quantity:	137
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:	19980506

COLOR WEST INC (Continued) **1000340740**

Creation Date:	7/15/1998 0:00:00
Receipt Date:	19980506
Manifest ID:	98251911
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.374
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:	19980313
Creation Date:	5/26/1998 0:00:00
Receipt Date:	19980316
Manifest ID:	96783918
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.187
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:	19980115
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980119
Manifest ID:	97316011
Trans EPA ID:	CAD983667783
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983667783
Trans Name:	Not reported

COLOR WEST INC (Continued) **1000340740**

TSDF Alt EPA ID: HAHQ36 05012
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste
RCRA Code: D002
Disposal Method: R01 - Recycler
Quantity Tons: 0.5004
Waste Quantity: 120
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: 2005
Gen EPA ID: CAD982522948

Shipment Date: 20051222
Creation Date: 6/22/2006 18:32:46
Receipt Date: 20051229
Manifest ID: 24607331
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: CAD982433575
Trans 2 Name: COMMDITY RESOURCE
TSDF EPA ID: CAD981402522
Trans Name: COMMODITY RESOURCE AND EN
TSDF Alt EPA ID: CAD981402522
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Disposal Method: R01 - Recycler
Quantity Tons: 0.43785
Waste Quantity: 105
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: 20051202
Creation Date: 3/22/2006 18:30:36
Receipt Date: 20051213
Manifest ID: 23684027
Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: CAD982433575
Trans 2 Name: COMMODITY RESOURCE AND ENV
TSDF EPA ID: CAD981402522
Trans Name: COMMODITY RESOURCE AND EN
TSDF Alt EPA ID: CAD981402522
TSDF Alt Name: Not reported
CA Waste Code: 541 - Photochemicals / photo processing waste
RCRA Code: D011
Disposal Method: R01 - Recycler

COLOR WEST INC (Continued) **1000340740**

Quantity Tons:	0.5004
Waste Quantity:	120
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:	20051104
Creation Date:	1/2/2007 18:30:32
Receipt Date:	20051117
Manifest ID:	24380971
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	CAD982433575
Trans 2 Name:	COMMODITY RESOURCE AND ENV
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND EN
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.7506
Waste Quantity:	180
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:	20051005
Creation Date:	7/12/2006 18:31:35
Receipt Date:	20051013
Manifest ID:	24739344
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	CAD982433575
Trans 2 Name:	COMMODITY RESOURCE AND ENV
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND EN
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.56295
Waste Quantity:	135
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

COLOR WEST INC (Continued) **1000340740**

Shipment Date:	20050908
Creation Date:	1/17/2006 18:31:26
Receipt Date:	20050915
Manifest ID:	24369186
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	CAD982433575
Trans 2 Name:	COMMODITY RESOURCE AND ENV
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND EN
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
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:	20050818
Creation Date:	4/13/2006 18:46:51
Receipt Date:	20050825
Manifest ID:	24368923
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	CAD982433575
Trans 2 Name:	COMMODITY RESOURCE AND ENV
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND EN
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.56295
Waste Quantity:	135
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:	20050722
Creation Date:	10/7/2005 18:42:04
Receipt Date:	20050728
Manifest ID:	24363694
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	CAD982433575
Trans 2 Name:	CRE
TSDF EPA ID:	CAD981402522

COLOR WEST INC (Continued) **1000340740**

Trans Name:	COMMODITY RESOURCE AND EN
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
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:	20050617
Creation Date:	10/11/2005 18:32:36
Receipt Date:	20050630
Manifest ID:	24127138
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	CAD982433575
Trans 2 Name:	COMMODITY RESOURCE AND ENV
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND EN
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.56295
Waste Quantity:	135
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:	20050610
Creation Date:	10/11/2005 18:32:36
Receipt Date:	20050627
Manifest ID:	24127112
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	CAD982433575
Trans 2 Name:	COMMODITY RESOURCE AND ENV
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND ENV
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G

COLOR WEST INC (Continued) **1000340740**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050520
Creation Date:	7/11/2005 13:16:47
Receipt Date:	Not reported
Manifest ID:	24127023
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE & ENV
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:	0.6255
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

Additional Info:

Year:	2000
Gen EPA ID:	CAD982522948
Shipment Date:	20001229
Creation Date:	4/9/2001 0:00:00
Receipt Date:	20010104
Manifest ID:	20571601
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
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

COLOR WEST INC (Continued) **1000340740**

Shipment Date:	20001229
Creation Date:	4/9/2001 0:00:00
Receipt Date:	20010104
Manifest ID:	20571601
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001221
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20010102
Manifest ID:	20387766
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0
Waste Quantity:	45
Quantity Unit:	*
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001221
Creation Date:	4/9/2001 0:00:00
Receipt Date:	20001222
Manifest ID:	20330945
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485

COLOR WEST INC (Continued) **1000340740**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.271
Waste Quantity:	65
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:	20001129
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001211
Manifest ID:	20577713
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.3544
Waste Quantity:	85
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:	20001129
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001211
Manifest ID:	20577713
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G

COLOR WEST INC (Continued) **1000340740**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001109
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001114
Manifest ID:	20577231
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001109
Creation Date:	1/12/2001 0:00:00
Receipt Date:	20001114
Manifest ID:	20577231
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
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:	20001027
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001108

COLOR WEST INC (Continued) **1000340740**

Manifest ID:	20292908
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0208
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:	20001027
Creation Date:	3/5/2001 0:00:00
Receipt Date:	20001108
Manifest ID:	20292908
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
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:	2006
Gen EPA ID:	CAD982522948

Shipment Date:	20061113
Creation Date:	7/6/2007 18:30:05
Receipt Date:	20061122
Manifest ID:	000187220CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC

COLOR WEST INC (Continued) **1000340740**

TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	D039
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D018
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060511
Creation Date:	8/25/2006 18:37:06
Receipt Date:	20060518
Manifest ID:	24609232
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	CAD982433575
Trans 2 Name:	COMMODITY RESOURCE AND ENV
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND EN
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2502
Waste Quantity:	60
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:	20060223
Creation Date:	7/5/2006 12:04:51
Receipt Date:	20060302
Manifest ID:	24605177
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND EN
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.68805
Waste Quantity:	165

COLOR WEST INC (Continued) **1000340740**

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:	20060120
Creation Date:	5/6/2006 18:31:14
Receipt Date:	20060126
Manifest ID:	24381595
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	CAD982433575
Trans 2 Name:	COMMODITY RESOURCE AND ENV
TSDF EPA ID:	CAD981402522
Trans Name:	COMMODITY RESOURCE AND EN
TSDF Alt EPA ID:	CAD981402522
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	R01 - Recycler
Quantity Tons:	0.3753
Waste Quantity:	90
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

NY MANIFEST:

Name:	COLOR WEST
Address:	2228 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505
Country:	USA
EPA ID:	CAD982522948
Facility Status:	Not reported
Location Address 1:	2228 N HOLLYWOOD WAY
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BURBANK
Location State:	CA
Location Zip:	91505
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	CAD982522948
Mailing Name:	COLOR WEST
Mailing Contact:	COLOR WEST
Mailing Address 1:	2228 N HOLLYWOOD WAY
Mailing Address 2:	Not reported
Mailing City:	BURBANK
Mailing State:	CA
Mailing Zip:	91505
Mailing Zip 4:	Not reported

COLOR WEST INC (Continued) **1000340740**

Mailing Country: USA
Mailing Phone: 8188408881

NY MANIFEST:
Document ID: NYG1083708
Manifest Status: Not reported
seq: 01
Year: 1999
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 03/10/1999
Trans1 Recv Date: 03/10/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/26/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: CAD982522948
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID 1: NYD045604964
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: D011 - SILVER 5.0 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00090
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 006
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00

HWTS:
Name: COLOR WEST INC
Address: 2228 N HOLLYWOOD WAY
Address 2: Not reported
City,State,Zip: BURBANK, CA 915050000
EPA ID: CAD982522948
Inactive Date: 06/30/2015
Create Date: 06/15/1989
Last Act Date: 01/27/2016

COLOR WEST INC (Continued) **1000340740**

Mailing Name: Not reported
Mailing Address: 2228 N HOLLYWOOD WAY
Mailing Address 2: Not reported
Mailing City,State,Zip: BURBANK, CA 915050000
Owner Name: COLOR WEST INC
Owner Address: 2228 N HOLLYWOOD WAY
Owner Address 2: Not reported
Owner City,State,Zip: BURBANK, CA 915050000
Contact Name: GARY MUIR
Contact Address: 2228 N HOLLYWOOD WAY
Contact Address 2: Not reported
City,State,Zip: BURBANK, CA 915050000

NAICS:
EPA ID: CAD982522948
Create Date: 2003-10-23 13:13:52
NAICS Code: 323114
NAICS Description: Quick Printing
Issued EPA ID Date: 1989-06-15 00:00:00
Inactive Date: 2015-06-30 00:00:00
Facility Name: COLOR WEST INC
Facility Address: 2228 N HOLLYWOOD WAY
Facility Address 2: Not reported
Facility City: BURBANK
Facility County: 19
Facility State: CA
Facility Zip: 915050000

EPA ID: CAD982522948
Create Date: 2005-03-21 13:56:49
NAICS Code: 561439
NAICS Description: Other Business Service Centers (including Copy Shops)
Issued EPA ID Date: 1989-06-15 00:00:00
Inactive Date: 2015-06-30 00:00:00
Facility Name: COLOR WEST INC
Facility Address: 2228 N HOLLYWOOD WAY
Facility Address 2: Not reported
Facility City: BURBANK
Facility County: 19
Facility State: CA
Facility Zip: 915050000

H29 **COLOR WEST** **CA WIP** **S106764430**
SE **2228 HOLLYWOOD WAY** **N/A**
< 1/8 **BURBANK, CA 91505**
0.086 mi.
452 ft. **Site 2 of 2 in cluster H**

Relative:
Lower

Actual:
661 ft.

WIP:
Name: COLOR WEST
Address: 2228 Hollywood Way
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0301
File Status: Historical
Staff: YRONG
Facility Suite: Not reported

30
WSW
< 1/8
0.087 mi.
460 ft.

BURBANK OMS 13
3800 VACHALLA DRIVE
BURBANK, CA 91504

CA HIST UST **U001568372**
N/A

Relative:
Lower

Actual:
672 ft.

HIST UST:

Name:	BURBANK OMS 13
Address:	3800 VACHALLA DRIVE
City,State,Zip:	BURBANK, CA 91504
File Number:	00028843
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028843.pdf
Region:	STATE
Facility ID:	00000061166
Facility Type:	Other
Other Type:	MAWS SHOP
Contact Name:	Not reported
Telephone:	2138455284
Owner Name:	STATE MILITARY DEPARTMENT
Owner Address:	2829 WATT AVE.
Owner City,St,Zip:	SACRAMENTO, CA 95821
Total Tanks:	0000
Tank Num:	001
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00003000
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

BURBANK OMS 13 (Continued) **U001568372**

Click here for Geo Tracker PDF:

G31 **BUDGET RENT-A-CAR** **CA LOS ANGELES CO. HMS** **S104537277**
SE **2220 N HOLLYWOOD WAY** **CA WIP** **N/A**
< 1/8 **BURBANK, CA 91504**
0.088 mi.
463 ft. **Site 2 of 10 in cluster G**

Relative:
Lower

Actual:
661 ft.

LOS ANGELES CO. HMS:

Name:	BUDGET RENT-A-CAR
Address:	2220 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91504
Region:	LA
Permit Category:	T
Facility Id:	010231-010110
Facility Type:	0
Facility Status:	Removed
Area:	3E
Permit Number:	00001562T
Permit Status:	Removed

WIP:

Name:	BUDGET RENT-A-CAR
Address:	2220 N Hollywood Way
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.1183
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

G32 **BUDGET RENT A CAR** **CA CPS-SLIC** **U001568394**
SE **2220 N HOLLYWOOD WAY** **CA HIST UST** **N/A**
< 1/8 **BURBANK, CA 91505** **CA CERS**
0.088 mi.
463 ft. **Site 3 of 10 in cluster G**

Relative:
Lower

Actual:
661 ft.

CPS-SLIC:

Name:	BUDGET RENT-A-CAR
Address:	2220 N. HOLLYWOOD WAY.
City,State,Zip:	BURBANK, CA 91505
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/22/2014
Global Id:	SL603798635
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1891104184834
Longitude:	-118.348836645508
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	104.1183
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported

BUDGET RENT A CAR (Continued) **U001568394**

Site History: Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	BUDGET RENT A CAR
Address:	2220 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505
File Number:	000287E0
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000287E0.pdf
Region:	STATE
Facility ID:	00000003953
Facility Type:	Other
Other Type:	AUTO RENTAL
Contact Name:	JEFF RELLINGER
Telephone:	8188413922
Owner Name:	SPECTRUM INVESTMENT CORP.DBA B
Owner Address:	5651 SEPULVEDA
Owner City,St,Zip:	VAN NUYS, CA 91411
Total Tanks:	0001

Tank Num:	001
Container Num:	H838980
Year Installed:	1980
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Pressure Test

Click here for Geo Tracker PDF:

CERS:

Name:	BUDGET RENT-A-CAR
Address:	2220 N. HOLLYWOOD WAY.
City,State,Zip:	BURBANK, CA 91505
Site ID:	189955
CERS ID:	SL603798635
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

G33 **BUDGET RENT A CAR** **CA SWEEPS UST S101629868**
SE **2220 N HOLLYWOOD WAY** **CA FID UST N/A**
< 1/8 **BURBANK, CA 91505**
0.088 mi.
463 ft. **Site 4 of 10 in cluster G**

Relative: **Lower**
Actual: **661 ft.**

SWEEPS UST:

Name:	BUDGET RENT A CAR
Address:	2220 N HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	10110
Number:	1
Board Of Equalization:	Not reported
Referral Date:	08-01-91
Action Date:	08-01-91
Created Date:	06-30-89
Owner Tank Id:	1
SWRCB Tank Id:	19-007-010110-000001
Tank Status:	A
Capacity:	12000
Active Date:	08-01-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	19055196
Regulated By:	UTNKA
Regulated ID:	00003953
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	8188410447
Mail To:	Not reported
Mailing Address:	2220 N HOLLYWOOD WAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BURBANK 91505
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

I34 **LOCKHEED A-1 EAST** **CA CPS-SLIC S106484476**
NE **3401 W EMPIRE AVE** **CA WIP N/A**
< 1/8 **BURBANK, CA 91505** **CA CERS**
0.092 mi.
484 ft. **Site 1 of 2 in cluster I**

Relative: **Lower**
Actual: **671 ft.**

CPS-SLIC:

Name:	LOCKHEED A-1 EAST
Address:	3401 W. EMPIRE AVE.
City,State,Zip:	BURBANK, CA 91505
Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	07/17/1996

LOCKHEED A-1 EAST (Continued) **S106484476**

Global Id:	SL603798651
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1927420742228
Longitude:	-118.348338748688
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	104.5154
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Total Petroleum Hydrocarbons (TPH)
Site History:	Excavation between 1989 -1996 removed TPH and VOC-impacted soil. SVE operation across the A-1 area in 1997, and between 1999-2009 removed approximately 32,000 lbs of VOCs.

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	LOCKHEED A-1 EAST
Address:	3401 W Empire Ave
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.5154
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

CERS:

Name:	LOCKHEED A-1 EAST
Address:	3401 W. EMPIRE AVE.
City,State,Zip:	BURBANK, CA 91505
Site ID:	252757
CERS ID:	SL603798651
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Anita FANG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 West 4th Street, Suite 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766730

I35 **LOCKHEED MARTIN CORP** **RCRA-SQG** **1000993842**
NE **3401 W EMPIRE AVE** **FINDS** **CAD982503757**
< 1/8 **BURBANK, CA 91504** **ECHO**
0.092 mi.
484 ft. **Site 2 of 2 in cluster I**

Relative:
Lower

Actual:
671 ft.

RCRA-SQG:

Date form received by agency:	1996-09-01 00:00:00.0
Facility name:	LOCKHEED MARTIN CORP
Facility address:	3401 W EMPIRE AVE BURBANK, CA 91504
EPA ID:	CAD982503757
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:	LOCKHEED CORPORATION
Owner/operator address:	2550 N HOLLYWOOD WY STE 506 BURBANK, CA 91505
Owner/operator country:	Not reported
Owner/operator telephone:	818-847-6927
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

LOCKHEED MARTIN CORP (Continued) **1000993842**

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: LOCKHEED MARTIN CORP
Classification: Small Quantity Generator

Date form received by agency: 1995-04-25 00:00:00.0
Site name: LOCKHEED MARTIN CORP
Classification: Large Quantity Generator

Date form received by agency: 1994-03-29 00:00:00.0
Site name: LOCKHEED ADVANCED DEVELOPMENT
Classification: Large Quantity Generator

Date form received by agency: 1992-03-31 00:00:00.0
Site name: LOCKHEED ADVANCED DEVELOPMENT COMPANY
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110008280001
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110008280001

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: 1000993842
Registry ID: 110008280001
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110008280001
Name: LOCKHEED MARTIN CORP
Address: 3401 W EMPIRE AVE
City,State,Zip: BURBANK, CA 91504

G36 **BUILD REHAB INDUSTRIES** **CA WIP** **S106764511**
SSE **2205 HOLLYWOOD WAY** **N/A**
< 1/8 **BURBANK, CA 91505**
0.096 mi.
508 ft. **Site 5 of 10 in cluster G**

Relative: **Lower**
Actual: **661 ft.**

WIP:

Name:	BUILD REHAB INDUSTRIES
Address:	2205 Hollywood Way
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.0784
File Status:	**Historical**
Staff:	LM
Facility Suite:	Not reported

J37 **MSN III AND IV, LLC** **CA CERS TANKS** **S121655415**
ENE **3333 EMPIRE AVE** **CA CIWQS** **N/A**
< 1/8 **BURBANK, CA 91502** **CA CERS**
0.102 mi.
538 ft. **Site 1 of 3 in cluster J**

Relative: **Lower**
Actual: **665 ft.**

CERS TANKS:

Name:	MSN III AND IV, LLC
Address:	3333 EMPIRE AVE
City,State,Zip:	BURBANK, CA 91502
Site ID:	45671
CERS ID:	10230328
CERS Description:	Aboveground Petroleum Storage

CIWQS:

Name:	MEVIA STUDIOS NORTH PHASE 4
Address:	3333 EMPIRE AVE
City,State,Zip:	BURBANK, CA 91504
Agency:	Empire Ontario Partners LP
Agency Address:	233 Wilshire Blvd Ste 990, Santa Monica, CA 90401
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	4
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	4 19C332928
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	03/18/2005
Termination Date:	06/25/2010
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

MSN III AND IV, LLC (Continued) **S121655415**

CERS:
Name: MSN III AND IV, LLC
Address: 3333 EMPIRE AVE
City,State,Zip: BURBANK, CA 91502
Site ID: 45671
CERS ID: 10230328
CERS Description: Chemical Storage Facilities

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: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-22-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Doug Kreeder email=dougk@worthe.com
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-26-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspection by M. Garland. No HMRRP violations.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-12-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: APSA
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Facility Mailing Address

MSN III AND IV, LLC (Continued) **S121655415**

Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2255 N. Ontario Street, #105
Affiliation City:	Burbank
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91504
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	MSN III and IV, 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:	(818) 563-2600
Affiliation Type Desc:	Parent Corporation
Entity Name:	M DAVID PAUL AND ASSOCIATES
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:	Property Owner
Entity Name:	MSN III and IV, LLC
Entity Title:	Not reported
Affiliation Address:	2255 N. ONTARIO STREET, # 105
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91502
Affiliation Phone:	(818) 563-2600
Affiliation Type Desc:	Document Preparer
Entity Name:	Douglas E Keeder
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:	Identification Signer
Entity Name:	Vivian Gardner
Entity Title:	Property Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

MSN III AND IV, LLC (Continued) **S121655415**

Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Douglas E Keeder
Entity Title: Not reported
Affiliation Address: 2255 N. Ontario Street, # 105
Affiliation City: Burbank
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91504
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: MSN III and IV, LLC
Entity Title: Not reported
Affiliation Address: 2255 N ONTARIO ST, #105
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91504
Affiliation Phone: (818) 563-2600

J38 **HASBRO** **RCRA NonGen / NLR** **1024856651**
ENE **3333 W EMPIRE AVE** **CAL000420843**
< 1/8 **BURBANK, CA 91504**
0.102 mi.
538 ft. **Site 2 of 3 in cluster J**

Relative:
Lower

Actual:
665 ft.

RCRA NonGen / NLR:
Date form received by agency: 2016-10-10 00:00:00.0
Facility name: HASBRO
Facility address: 3333 W EMPIRE AVE
BURBANK, CA 91504
EPA ID: CAL000420843
Contact: STEVEN GRAY
Contact address: 3333 W EMPIRE AVE
BURBANK, CA 91504
Contact country: Not reported
Contact telephone: 401-727-6699
Contact email: STEVEN.GRAY@HASBRO.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: HASBRO DEPOT INC
Owner/operator address: 3333 W EMPIRE AVE
BURBANK, CA 91504
Owner/operator country: Not reported
Owner/operator telephone: 818-478-4320
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

HASBRO (Continued) **1024856651**

Owner/Op end date: Not reported

Owner/operator name: STEVEN GRAY
Owner/operator address: 3333 W EMPIRE AVE
BURBANK, CA 91504
Owner/operator country: Not reported
Owner/operator telephone: 401-727-6699
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: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

J39 **M DAVID PAUL & ASSOCIATES** **CA AST** **A100422096**
ENE **3333 EMPIRE AVE** **N/A**
< 1/8 **BURBANK, CA 91502**
0.102 mi.
538 ft. **Site 3 of 3 in cluster J**

Relative: AST:
Lower
Actual: Name: M DAVID PAUL & ASSOCIATES
665 ft. Address: 3333 EMPIRE AVE
City/Zip: BURBANK,91502
Certified Unified Program Agencies: Not reported
Owner: MSN III and IV, LLC
Total Gallons: Not reported
CERSID: 10230328
Facility ID: 162
Business Name: M DAVID PAUL AND ASSOCIATES
Phone: (818) 563-2600
Fax: (818)567-2118
Mailing Address: 2255 N. Ontario Street, #105
Mailing Address City: Burbank
Mailing Address State: CA
Mailing Address Zip Code: 91504
Operator Name: MSN III and IV, LLC
Operator Phone: (818) 563-2600

M DAVID PAUL & ASSOCIATES (Continued) **A100422096**

Owner Phone:	(818) 563-2600
Owner Mail Address:	2255 N ONTARIO ST, #105
Owner State:	CA
Owner Zip Code:	91504
Owner Country:	United States
Property Owner Name:	MSN III and IV, LLC
Property Owner Phone:	(818) 563-2600
Property Owner Mailing Address:	2255 N. ONTARIO STREET, # 105
Property Owner City:	BURBANK
Property Owner Stat :	CA
Property Owner Zip Code:	91502
Property Owner Country:	United States
EPAID:	Not reported

G40 **SIMCO CORPORATION** **CA WIP** **S106764431**
SSE **2201 HOLLYWOOD WAY** **N/A**
< 1/8 **BURBANK, CA 91505**
0.115 mi.
609 ft. **Site 6 of 10 in cluster G**

Relative: **Lower**
Actual: **660 ft.**

WIP:

Name:	SIMCO CORPORATION
Address:	2201 Hollywood Way
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.0304
File Status:	**Historical**
Staff:	YRONG
Facility Suite:	Not reported

G41 **AT&T INFORMATION SYSTEMS** **CA HIST UST** **U001568368**
SSE **3413 W PACIFIC AVE** **N/A**
1/8-1/4 **BURBANK, CA 91504**
0.126 mi.
665 ft. **Site 7 of 10 in cluster G**

Relative: **Lower**
Actual: **658 ft.**

HIST UST:

Name:	AT&T INFORMATION SYSTEMS
Address:	3413 W PACIFIC AVE
City,State,Zip:	BURBANK, CA 91504
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000004922
Facility Type:	Other
Other Type:	COMMUNICATIONS
Contact Name:	BILL MCDONELL
Telephone:	7149731675
Owner Name:	HENRY SERLIN
Owner Address:	8383 WILSHIRE, SUITE 610
Owner City,St,Zip:	BEVERLY HILLS, CA 90211
Total Tanks:	0001
Tank Num:	001
Container Num:	01
Year Installed:	Not reported

AT&T INFORMATION SYSTEMS (Continued) **U001568368**

Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

G42 **JOHANSON DIELECTRICS** **CA WIP** **S106059703**
SSE **3515 W PACIFIC AVE** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.127 mi.
672 ft. **Site 8 of 10 in cluster G**

Relative: **Lower**
Actual: **659 ft.**

WIP:

Name:	JOHANSON DIELECTRICS
Address:	3515 W Pacific Ave
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.0600
File Status:	**Historical**
Staff:	ETL
Facility Suite:	Not reported

G43 **ARTISANS BRASS PRODS INC** **RCRA-SQG** **1000262561**
SSE **3519 W PACIFIC AVE** **FINDS** **CAT080028483**
1/8-1/4 **BURBANK, CA 91505** **ECHO**
0.127 mi.
672 ft. **Site 9 of 10 in cluster G**

Relative: **Lower**
Actual: **659 ft.**

RCRA-SQG:

Date form received by agency:	1996-09-01 00:00:00.0
Facility name:	ARTISANS BRASS PRODS INC
Facility address:	3519 W PACIFIC AVE BURBANK, CA 91505
EPA ID:	CAT080028483
Mailing address:	3601 W PACIFIC AVE BURBANK, CA 91505
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

ARTISANS BRASS PRODS INC (Continued) **1000262561**

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: 1981-01-28 00:00:00.0
Site name: ARTISANS BRASS PRODS INC
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:
Registry ID: 110002954562
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002954562

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.

ARTISANS BRASS PRODS INC (Continued) **1000262561**

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

ECHO:

Envid:	1000262561
Registry ID:	110002954562
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002954562
Name:	ARTISANS BRASS PRODS INC
Address:	3519 W PACIFIC AVE
City,State,Zip:	BURBANK, CA 91505

G44 **ARTISANS BRASS PRODUCTS** **CA SWEEPS UST** **S102059305**
SSE **3519 W PACIFIC AVE** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.127 mi.
672 ft. **Site 10 of 10 in cluster G**

Relative: **Lower**

Actual: **659 ft.**

SWEEPS UST:

Name:	ARTISANS BRASS PRODUCTS
Address:	3519 W PACIFIC AVE
City:	BURBANK
Status:	Active
Comp Number:	13463
Number:	9
Board Of Equalization:	Not reported
Referral Date:	12-06-90
Action Date:	12-06-90
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	Not reported

K45 **HURST LABELING SYSTEMS** **CA WIP** **S103969589**
South **3625 W PACIFIC AVE** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.128 mi.
676 ft. **Site 1 of 2 in cluster K**

Relative: **Lower**

Actual: **661 ft.**

WIP:

Name:	HURST LABELING SYSTEMS
Address:	3625 W Pacific Ave
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.0553
File Status:	**Historical**
Staff:	EN
Facility Suite:	Not reported

K46 **GLOBAL CONSUMER SERVICES, INC.** **CA WIP** **S106764398**
South **3607 W PACIFIC AVE** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.128 mi.
677 ft. **Site 2 of 2 in cluster K**

Relative: **Lower**
Actual: **661 ft.**

WIP:

Name:	GLOBAL CONSUMER SERVICES, INC.
Address:	3607 W Pacific Ave
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.0125
File Status:	**Historical**
Staff:	YRONG
Facility Suite:	Not reported

L47 **NASMYTH TMF, INC** **RCRA-LQG** **1010313592**
SE **3405 W PACIFIC AVE** **CAR000175455**
1/8-1/4 **BURBANK, CA 91505**
0.137 mi.
725 ft. **Site 1 of 9 in cluster L**

Relative: **Lower**
Actual: **657 ft.**

RCRA-LQG:

Date form received by agency:	2018-02-21 00:00:00.0
Facility name:	NASMYTH TMF, INC
Facility address:	3405 W PACIFIC AVE BURBANK, CA 91505-0000
EPA ID:	CAR000175455
Mailing address:	W PACIFIC AVE BURBANK, CA 91505-0000
Contact:	JASON GEIMER
Contact address:	HANCOCK PARKWAY VALENCIA, CA 91355
Contact country:	US
Contact telephone:	661-312-5038
Contact email:	JASON.GEIMER@NASMYTHTMF.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:	NASMYTH TMF, INC.
Owner/operator address:	WEST PACIFIC AVE BURBANK, CA 91505
Owner/operator country:	US
Owner/operator telephone:	818-954-9504
Owner/operator email:	Not reported

NASMYTH TMF, INC (Continued) **1010313592**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2015-02-03 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: NASMYTH TMF, INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2015-02-03 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: NASNYTH TMF INC
Owner/operator address: W PACIFIC PARK
BURBANK, CA 91505
Owner/operator country: US
Owner/operator telephone: 661-312-5038
Owner/operator email: JASON.GEIMER@NASMYTHTMF.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 2006-08-15 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: NASMYTH TMF INC
Owner/operator address: W PACIFIC AVE
BURBANK, CA 91505
Owner/operator country: US
Owner/operator telephone: 661-312-5038
Owner/operator email: JASON.GEIMER@NASMYTHTMF.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2006-08-15 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

NASMYTH TMF, INC (Continued) **1010313592**

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: 2017-12-11 00:00:00.0
Site name: NASMYTH TMF, INC
Classification: Not a generator, verified

Date form received by agency: 2017-01-13 00:00:00.0
Site name: NASMYTH TMF, INC
Classification: Large Quantity Generator

Date form received by agency: 2016-02-15 00:00:00.0
Site name: NASMYTH TMF, INC
Classification: Large Quantity Generator

Date form received by agency: 2014-10-09 00:00:00.0
Site name: NASMYTH TMF INC
Classification: Large Quantity Generator

Date form received by agency: 2010-06-21 00:00:00.0
Site name: TECHNICAL METAL FINISHING, COMPANY, INC.
Classification: Large Quantity Generator

Date form received by agency: 2008-02-22 00:00:00.0
Site name: TECHNICAL METAL FINISHING CO., INC.
Classification: Large Quantity Generator

Date form received by agency: 2006-07-10 00:00:00.0
Site name: TECHNICAL METAL FINISHING CO INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

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

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

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

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

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

NASMYTH TMF, INC (Continued) **1010313592**

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

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 252
. Waste name: Other still bottom waste

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

. Waste code: 342
. Waste name: Organic liquids with metals (see 121)

. 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: 561
. Waste name: Detergent and soap

. Waste code: 723
. Waste name: Liquids with chromium (VI) > 500 mg/l

. Waste code: 726
. Waste name: Liquids with nickel > 134 mg/l

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

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

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

. 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

NASMYTH TMF, INC (Continued) **1010313592**

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.

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): 15635.9

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.

NASMYTH TMF, INC (Continued) **1010313592**

Amount (Lbs): 2418.6

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 28575.6

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 13834.9

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 LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 2513.1

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): 13834.9

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 16348

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2009-04-20 00:00:00.0
Date achieved compliance: 2009-08-21 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 2009-09-14 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA

NASMYTH TMF, INC (Continued) **1010313592**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2009-04-20 00:00:00.0
Date achieved compliance: 2009-08-21 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 2009-05-27 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

L48 **NASMYTH TMF INC** **CA CERS HAZ WASTE S120032291**
SE **3405 W PACIFIC AVE** **CA CIWQS N/A**
1/8-1/4 **BURBANK, CA 91505**
0.137 mi.
725 ft. **Site 2 of 9 in cluster L**

Relative: **Lower**

Actual: **657 ft.**

CERS HAZ WASTE:
Name: NASMYTH TMF, INC.
Address: 3405 W PACIFIC AVE
City,State,Zip: BURBANK, CA 91505
Site ID: 274630
CERS ID: 10623187
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 274630
Site Name: Nasmyth TMF, Inc.
Violation Date: 12-10-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/21/2015.
Violation Division: Burbank Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Accidentally created inspection. NO inspection completed on 5/20/2015.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2015
Violations Found: No

NASMYTH TMF INC (Continued) **S120032291**

Eval Type: Routine done by local agency
Eval Notes: Inspection by K. Kacmar. No HMRRP violations.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Site should be inactive. Occupied by Nasmyth TMF Inc.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-10-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS submittal has not been submitted for the FY 2014-15
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Out of Business
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 274630
Site Name: Nasmyth TMF, Inc.
Site Address: 3405 W PACIFIC AVE
Site City: BURBANK
Site Zip: 91505
Enf Action Date: 08-05-2015
Enf Action Type: Referral to County Council or City Attorney
Enf Action Description: Referral to County Council or City Attorney
Enf Action Notes: Fines/Penalties Assessed: $485.00.
Enf Action Division: Burbank Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 274630
Facility Name: Nasmyth TMF, Inc.
Env Int Type Code: HWG
Program ID: 10623187
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.188870
Longitude: -118.348080

NASMYTH TMF INC (Continued) **S120032291**

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	EXEQUIEL TOSTADO OF AEM
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:	Nasmyth TMF Inc.
Entity Title:	Not reported
Affiliation Address:	3405 Pacific Ave
Affiliation City:	Burbank
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91505
Affiliation Phone:	(818) 954-9504

Affiliation Type Desc:	Operator
Entity Name:	Nasmyth TMF, 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:	(818) 954-9504

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4045

Affiliation Type Desc:	Environmental Contact
Entity Name:	Jason Geimer
Entity Title:	Not reported
Affiliation Address:	3405 W Pacific Ave
Affiliation City:	Burbank
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91505
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3405 W PACIFIC AVE
Affiliation City:	Burbank
Affiliation State:	CA

NASMYTH TMF INC (Continued) **S120032291**

Affiliation Country: Not reported
Affiliation Zip: 91505
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Jason Geimer
Entity Title: Operations 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: Parent Corporation
Entity Name: Nasmyth TMF, 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

Name: NASMYTH TMF, INC.
Address: 3405 W PACIFIC AVE
City,State,Zip: BURBANK, CA 91505
Site ID: 274630
CERS ID: 10623187
CERS Description: RCRA LQ HW Generator

Violations:
Site ID: 274630
Site Name: Nasmyth TMF, Inc.
Violation Date: 12-10-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 07/21/2015.
Violation Division: Burbank Fire Department
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Accidentally created inspection. NO inspection completed on 5/20/2015.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

NASMYTH TMF INC (Continued) **S120032291**

Eval Date: 05-20-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspection by K. Kacmar. No HMRRP violations.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Site should be inactive. Occupied by Nasmyth TMF Inc.
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-10-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS submittal has not been submitted for the FY 2014-15
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Out of Business
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 274630
Site Name: Nasmyth TMF, Inc.
Site Address: 3405 W PACIFIC AVE
Site City: BURBANK
Site Zip: 91505
Enf Action Date: 08-05-2015
Enf Action Type: Referral to County Council or City Attorney
Enf Action Description: Referral to County Council or City Attorney
Enf Action Notes: Fines/Penalties Assessed: $485.00.
Enf Action Division: Burbank Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 274630
Facility Name: Nasmyth TMF, Inc.
Env Int Type Code: HWG
Program ID: 10623187
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.

NASMYTH TMF INC (Continued) **S120032291**

Latitude: 34.188870
Longitude: -118.348080

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: EXEQUIEL TOSTADO OF AEM
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: Nasmyth TMF Inc.
Entity Title: Not reported
Affiliation Address: 3405 Pacific Ave
Affiliation City: Burbank
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91505
Affiliation Phone: (818) 954-9504

Affiliation Type Desc: Operator
Entity Name: Nasmyth TMF, 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: (818) 954-9504

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact
Entity Name: Jason Geimer
Entity Title: Not reported
Affiliation Address: 3405 W Pacific Ave
Affiliation City: Burbank
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91505
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported

NASMYTH TMF INC (Continued) **S120032291**

Affiliation Address:	3405 W PACIFIC AVE
Affiliation City:	Burbank
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91505
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Jason Geimer
Entity Title:	Operations 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:	Parent Corporation
Entity Name:	Nasmyth TMF, 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

CIWQS:

Name:	NASMYTH TMF INC
Address:	3405 W PACIFIC AVE
City,State,Zip:	BURBANK, CA 91505
Agency:	Nasmyth TMF Inc
Agency Address:	3405 W Pacific Ave, Burbank, CA 91505
Place/Project Type:	Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring
SIC/NAICS:	3471
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19NEC004450
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/17/2015
Termination Date:	06/13/2018
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:	34.18863
Longitude:	-118.34764

L49 **ST JOSEPH HOSPITAL** **CA HIST UST** **S113743778**
SE **3413 PACIFIC AVE** **CA LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.144 mi.
760 ft. **Site 3 of 9 in cluster L**

Relative: **Lower**
Actual: **657 ft.**

HIST UST:

Name:	ATANDT INFORMATION SYSTEMS
Address:	3413 PACIFIC AVENUE
City,State,Zip:	BURBANK, CA 91504
File Number:	00026DC2
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026DC2.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:

LOS ANGELES CO. HMS:

Name:	ST JOSEPH HOSPITAL
Address:	3413 PACIFIC AVE
City,State,Zip:	BURBANK, CA 91505
Region:	LA
Permit Category:	Not reported
Facility Id:	010263-010144
Facility Type:	Not reported
Facility Status:	Removed
Area:	3E
Permit Number:	Not reported
Permit Status:	Not reported

L50 **ST. JOSEPH HOSPITAL** **CA SWEEPS UST** **S102059261**
SE **3413 PACIFIC AVE** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.144 mi.
760 ft. **Site 4 of 9 in cluster L**

Relative: **Lower**
Actual: **657 ft.**

SWEEPS UST:

Name:	ST. JOSEPH HOSPITAL
Address:	3413 PACIFIC AVE
City:	BURBANK
Status:	Active
Comp Number:	10144

ST. JOSEPH HOSPITAL (Continued) **S102059261**

Number: 9
Board Of Equalization: Not reported
Referral Date: 06-26-92
Action Date: 06-26-92
Created Date: 06-30-89
Owner Tank Id: 1
SWRCB Tank Id: 19-007-010144-000001
Tank Status: A
Capacity: 1600
Active Date: 06-26-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 3

Name: ST. JOSEPH HOSPITAL
Address: 3413 PACIFIC AVE
City: BURBANK
Status: Active
Comp Number: 10144
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-26-92
Action Date: 06-26-92
Created Date: 06-30-89
Owner Tank Id: 2
SWRCB Tank Id: 19-007-010144-000002
Tank Status: A
Capacity: 2500
Active Date: 06-26-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 3

Name: ST. JOSEPH HOSPITAL
Address: 3413 PACIFIC AVE
City: BURBANK
Status: Active
Comp Number: 10144
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-26-92
Action Date: 06-26-92
Created Date: 06-30-89
Owner Tank Id: 3
SWRCB Tank Id: 19-007-010144-000003
Tank Status: A
Capacity: 2000
Active Date: 06-26-92
Tank Use: OIL
STG: P
Content: FUEL OIL #2
Number Of Tanks: Not reported

L51 **FEDERAL EXPRESS** **CA WIP** **S106764592**
SE **3405 PACIFIC AVE** **N/A**
1/8-1/4 **BURBANK, CA 91506**
0.146 mi.
773 ft. **Site 5 of 9 in cluster L**

Relative: **Lower**

Actual: **657 ft.**

WIP:

Name:	FEDERAL EXPRESS
Address:	3405 Pacific Ave
City,State,Zip:	BURBANK, CA 91506
Region:	4
File Number:	104.1195
File Status:	**Historical**
Staff:	MPW
Facility Suite:	Not reported

L52 **POLY-CRAFT SYS-DIV. OF BLINKS** **CA EMI** **S106764527**
SE **3403 PACIFIC AVE** **CA WIP** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.147 mi.
777 ft. **Site 6 of 9 in cluster L**

Relative: **Lower**

Actual: **657 ft.**

EMI:

Name:	POLY CRAFT SYS, DIV BINKS MFG
Address:	3403 PACIFIC AV
City,State,Zip:	BURBANK, CA 91505
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	580
Air District Name:	SC
SIC Code:	3441
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	POLYCRAFT SYS, DIV BINKS MFG
Address:	3403 PACIFIC AV
City,State,Zip:	BURBANK, CA 91505
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	580
Air District Name:	SC
SIC Code:	3559
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

POLY-CRAFT SYS-DIV. OF BLINKS (Continued) **S106764527**

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

WIP:
Name: POLY-CRAFT SYS-DIV. OF BLINKS
Address: 3403 Pacific Ave
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0857
File Status: Historical
Staff: ETL
Facility Suite: Not reported

L53 **TECHNICAL METAL FINISHING** **CA CPS-SLIC** **S103654050**
SE **3401 PACIFIC AVENUE** **CA EMI** **N/A**
1/8-1/4 **BURBANK, CA 91505** **CA LOS ANGELES CO. HMS**
0.148 mi. **CA NPDES**
781 ft. **Site 7 of 9 in cluster L** **CA WIP**
CA CIWQS
Relative: **CA CERS**
Lower **CA NON-CASE INFO**

Actual:
656 ft.

CPS-SLIC:
Name: TECHNICAL METAL FINISHING
Address: 3401 PACIFIC AVENUE
City,State,Zip: BURBANK, CA 91505
Region: STATE
Facility Status: Open - Site Assessment
Status Date: 06/25/2018
Global Id: T10000011737
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.18857
Longitude: -118.34761
Case Type: Cleanup Program Site
Case Worker: CH
Local Agency: Not reported
RB Case Number: 104.1039
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Chromium VI
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

EMI:
Name: TECHNICAL METAL FINISHING CO I
Address: 3401 PACIFIC AVE
City,State,Zip: BURBANK, CA 915050000
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 71645
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported

TECHNICAL METAL FINISHING (Continued) **S103654050**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TECHNICAL METAL FINISHING CO I
Address:	3401 PACIFIC AVE
City,State,Zip:	BURBANK, CA 915050000
Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	71645
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
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

Name:	TECHNICAL METAL FINISHING CO I
Address:	3401 PACIFIC AVE
City,State,Zip:	BURBANK, CA 915050000
Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	71645
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TECHNICAL METAL FINISHING CO I
Address:	3401 PACIFIC AVE
City,State,Zip:	BURBANK, CA 915050000
Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	71645
Air District Name:	SC

TECHNICAL METAL FINISHING (Continued) **S103654050**

SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: TECHNICAL METAL FINISHING CO I
Address: 3401 PACIFIC AVE
City,State,Zip: BURBANK, CA 915050000
Year: 1999
County Code: 19
Air Basin: SC
Facility ID: 71645
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: TECHNICAL METAL FINISHING CO I
Address: 3401 PACIFIC AVE
City,State,Zip: BURBANK, CA 915050000
Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 71645
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: TECHNICAL METAL FINISHING CO I
Address: 3401 PACIFIC AVE
City,State,Zip: BURBANK, CA 915050000
Year: 2001
County Code: 19

TECHNICAL METAL FINISHING (Continued) **S103654050**

Air Basin:	SC
Facility ID:	71645
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	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:	TECHNICAL METAL FINISHING CO INC
Address:	3401 PACIFIC AVE
City,State,Zip:	BURBANK, CA 915050000
Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	71645
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	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

Name:	TECHNICAL METAL FINISHING CO INC
Address:	3401 PACIFIC AVE
City,State,Zip:	BURBANK, CA 915050000
Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	71645
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	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

Name:	TECHNICAL METAL FINISHING CO INC
Address:	3401 PACIFIC AVE

TECHNICAL METAL FINISHING (Continued) **S103654050**

City,State,Zip:	BURBANK, CA 915050000
Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	71645
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.99243
Reactive Organic Gases Tons/Yr:	1.06
Carbon Monoxide Emissions Tons/Yr:	0.06387
NOX - Oxides of Nitrogen Tons/Yr:	0.1153
SOX - Oxides of Sulphur Tons/Yr:	0.000714
Particulate Matter Tons/Yr:	0.007749
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	TECHNICAL METAL FINISHING CO INC
Address:	3401 PACIFIC AVE
City,State,Zip:	BURBANK, CA 915050000
Year:	2005
County Code:	19
Air Basin:	SC
Facility ID:	71645
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1.55654
Reactive Organic Gases Tons/Yr:	1.315122592
Carbon Monoxide Emissions Tons/Yr:	.0499
NOX - Oxides of Nitrogen Tons/Yr:	.1217
SOX - Oxides of Sulphur Tons/Yr:	.0006
Particulate Matter Tons/Yr:	.01349693
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.0132579667

Name:	TECHNICAL METAL FINISHING CO INC
Address:	3401 PACIFIC AVE
City,State,Zip:	BURBANK, CA 915050000
Year:	2006
County Code:	19
Air Basin:	SC
Facility ID:	71645
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.126171982492861453
Reactive Organic Gases Tons/Yr:	3.95
Carbon Monoxide Emissions Tons/Yr:	.073
NOX - Oxides of Nitrogen Tons/Yr:	.114
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.095
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.09152

TECHNICAL METAL FINISHING (Continued) **S103654050**

Name:	TECHNICAL METAL FINISHING CO INC
Address:	3401 PACIFIC AVE
City,State,Zip:	BURBANK, CA 915050000
Year:	2007
County Code:	19
Air Basin:	SC
Facility ID:	71645
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4.126171982492861453
Reactive Organic Gases Tons/Yr:	3.95
Carbon Monoxide Emissions Tons/Yr:	.073
NOX - Oxides of Nitrogen Tons/Yr:	.114
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	.095
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.09152

Name:	TECHNICAL METAL FINISHING CO INC
Address:	3401 PACIFIC AVE
City,State,Zip:	BURBANK, CA 91505
Year:	2008
County Code:	19
Air Basin:	SC
Facility ID:	71645
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.5283837680631147564
Reactive Organic Gases Tons/Yr:	.3079836616849999496
Carbon Monoxide Emissions Tons/Yr:	.08
NOX - Oxides of Nitrogen Tons/Yr:	.12
SOX - Oxides of Sulphur Tons/Yr:	.000759
Particulate Matter Tons/Yr:	.0096773136075
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.009663957936675

Name:	TECHNICAL METAL FINISHING CO I
Address:	3401 PACIFIC AVE
City,State,Zip:	BURBANK, CA 91505
Year:	2009
County Code:	19
Air Basin:	SC
Facility ID:	71645
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.271290277924228
Reactive Organic Gases Tons/Yr:	0.25935200000000003
Carbon Monoxide Emissions Tons/Yr:	7.0000000000000007E-2
NOX - Oxides of Nitrogen Tons/Yr:	0.11
SOX - Oxides of Sulphur Tons/Yr:	6.5099999999999999E-4

TECHNICAL METAL FINISHING (Continued) **S103654050**

Particulate Matter Tons/Yr: 8.2411900000000007E-3
Part. Matter 10 Micrometers and Smllr Tons/Yr: 8.2339591000000004E-3

Name: TECHNICAL METAL FINISHING CO I
Address: 3401 PACIFIC AVE
City,State,Zip: BURBANK, CA 91505
Year: 2010
County Code: 19
Air Basin: SC
Facility ID: 71645
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.14610246560358001
Reactive Organic Gases Tons/Yr: 0.13521
Carbon Monoxide Emissions Tons/Yr: 7.9269999999999993E-2
NOX - Oxides of Nitrogen Tons/Yr: 0.12485
SOX - Oxides of Sulphur Tons/Yr: 6.8000000000000005E-4
Particulate Matter Tons/Yr: 7.8039037199999994E-2
Part. Matter 10 Micrometers and Smllr Tons/Yr: 7.5256917068000001E-2

Name: TECHNICAL METAL FINISHING CO I
Address: 3401 PACIFIC AVE
City,State,Zip: BURBANK, CA 91505
Year: 2011
County Code: 19
Air Basin: SC
Facility ID: 71645
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.3913752641
Reactive Organic Gases Tons/Yr: 0.37513
Carbon Monoxide Emissions Tons/Yr: 0.10006
NOX - Oxides of Nitrogen Tons/Yr: 0.15755
SOX - Oxides of Sulphur Tons/Yr: 0.00086
Particulate Matter Tons/Yr: 0.10110375
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.0974814

Name: TECHNICAL METAL FINISHING CO INC
Address: 3401 PACIFIC AVE
City,State,Zip: BURBANK, CA 91505
Year: 2012
County Code: 19
Air Basin: SC
Facility ID: 71645
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.33160865852
Reactive Organic Gases Tons/Yr: 0.31338

TECHNICAL METAL FINISHING (Continued) **S103654050**

Carbon Monoxide Emissions Tons/Yr: 0.05309
NOX - Oxides of Nitrogen Tons/Yr: 0.19719
SOX - Oxides of Sulphur Tons/Yr: 0.00091
Particulate Matter Tons/Yr: 0.01147
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.0114121

LOS ANGELES CO. HMS:
Name: TECHNICAL METAL FINISHING CO
Address: 3401 PACIFIC AVE
City,State,Zip: BURBANK, CA 91505
Region: LA
Permit Category: Not reported
Facility Id: 026004-035491
Facility Type: Not reported
Facility Status: OPEN
Area: 3E
Permit Number: Not reported
Permit Status: Not reported

NPDES:
Name: TECHNICAL METAL FINISHING
Address: 3401 PACIFIC
City,State,Zip: BURBANK, CA 91505
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: 4 19I009871
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: 04/23/2015
Operator Name: Tech Metal Finishing Co
Operator Address: 3401 W Pacific Ave
Operator City: Burbank
Operator State: California
Operator Zip: 91505

NPDES as of 03/2018:
NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 4
Regulatory Measure ID: 189884
Order Number: Not reported

TECHNICAL METAL FINISHING (Continued) **S103654050**

Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I009871
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:	04/01/2015
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	03/30/1993
Status:	Terminated
Status Date:	04/23/2015
Place Size:	9964
Place Size Unit:	SqFt
Contact:	Chris Sosa
Contact Title:	Not reported
Contact Phone:	818-954-9504
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Tech Metal Finishing Co
Operator Address:	3401 W Pacific Ave
Operator City:	Burbank
Operator State:	California
Operator Zip:	91505
Operator Contact:	Chris Sosa
Operator Contact Title:	Not reported
Operator Contact Phone:	818-954-9504
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Other
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:	818-954-9504
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

TECHNICAL METAL FINISHING (Continued) **S103654050**

Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Los Angeles River
Certifier:	Chris Sosa
Certifier Title:	Vice President
Certification Date:	12-FEB-15
Primary Sic:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Terminated
Agency Number:	0
Region:	4
Regulatory Measure ID:	189884
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I009871
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/30/1993
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	04/01/2015
Discharge Name:	Tech Metal Finishing Co
Discharge Address:	3401 W Pacific Ave
Discharge City:	Burbank
Discharge State:	California
Discharge Zip:	91505
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

TECHNICAL METAL FINISHING (Continued) **S103654050**

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

WIP:

Name:	TECHNICAL METAL FINISHING
Address:	3401 W Pacific Ave
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.1039
File Status:	**Historical**
Staff:	MBAIADY
Facility Suite:	Not reported

CIWQS:

Name:	TECHNICAL METAL FINISHING
Address:	3401 PACIFIC
City,State,Zip:	BURBANK, CA 91505
Agency:	Tech Metal Finishing Co
Agency Address:	3401 W Pacific Ave, Burbank, CA 91505
Place/Project Type:	Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring
SIC/NAICS:	3471
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial

TECHNICAL METAL FINISHING (Continued) **S103654050**

Order Number: 2014-0057-DWQ
WDID: 4 19I009871
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 03/30/1993
Termination Date: 04/01/2015
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: 34.18836
Longitude: -118.34784

CERS:
Name: TECHNICAL METAL FINISHING
Address: 3401 PACIFIC AVENUE
City,State,Zip: BURBANK, CA 91505
Site ID: 439754
CERS ID: T10000011737
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: CHRISTINA HUMPHREYS - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 West 4th Street, Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766697

Name: TECHNICAL METAL FINISHING CO., INC.
Address: 3401 PACIFIC AVE
City,State,Zip: BURBANK, CA 91505-1592
Site ID: 497881
CERS ID: 110021006150
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: KARINA SILVA
Entity Title: Not reported
Affiliation Address: 3405 W PACIFIC AVE
Affiliation City: BURBANK
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: CHRISTIAN SOSA
Entity Title: EXECUTIVE V P
Affiliation Address: Not reported

TECHNICAL METAL FINISHING (Continued) **S103654050**

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: CHRISTIAN SOSA
Entity Title: EXECUTIVE V P
Affiliation Address: 3401 W PACIFIC AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: CHRSTN SOSA
Entity Title: EXECUTIVE V P
Affiliation Address: 3401 W PACIFIC AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: CRAIG H HANRIOT
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: CRAIG HANRIOT
Entity Title: ENVIRONMENTAL CONTACT
Affiliation Address: 3401 W PACIFIC AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Owner
Entity Name: CRAIG HANRIOT
Entity Title: OWNER
Affiliation Address: 3401 PACIFIC AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator

TECHNICAL METAL FINISHING (Continued) **S103654050**

Entity Name:	CRAIG HANRIOT
Entity Title:	OPERATOR
Affiliation Address:	3401 W PACIFIC AVE
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

NON-CASE INFO:

Name:	NASMYTH TMF, INC. (BURBANK FACILITY)
Address:	3401 PACIFIC AVE
City,State,Zip:	BURBANK, CA 91505
Global ID:	T10000013512
Case Type:	Non-Case Information
Status:	Pending Review
Status Date:	09/23/2019
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
Loc Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	2019-09-23 00:00:00
How Discovered:	Not reported
How Discovered Description:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Geotracker:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000013512

M54 **BUDDYS ALLSTARS INC** **RCRA NonGen / NLR** **1024823589**
ESE **3216 W VALHALLA DR** **CAL000344670**
1/8-1/4 **BURBANK, CA 91505**
0.149 mi.
789 ft. **Site 1 of 4 in cluster M**

Relative: **Lower**

Actual: **659 ft.**

RCRA NonGen / NLR:

Date form received by agency:	2009-07-08 00:00:00.0
Facility name:	BUDDYS ALLSTARS INC
Facility address:	3216 W VALHALLA DR BURBANK, CA 91505-1236
EPA ID:	CAL000344670
Contact:	SCOTT TALAMANTES
Contact address:	3216 W VALHALLA DR BURBANK, CA 91505
Contact country:	Not reported
Contact telephone:	818-846-8805
Contact email:	SCOTT@BUDDYSALLSTARS.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

BUDDYS ALLSTARS INC (Continued) **1024823589**

Owner/Operator Summary:

Owner/operator name:	SCOTT TALAMANTES
Owner/operator address:	3216 W VALHALLA DR BURBANK, CA 91505
Owner/operator country:	Not reported
Owner/operator telephone:	818-846-8805
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:	BUDDYS ALLSTARS INC
Owner/operator address:	3216 W VALHALLA DR BURBANK, CA 91505
Owner/operator country:	Not reported
Owner/operator telephone:	818-846-8805
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:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

L55 **TECHNICAL METAL FINISHING CO., INC.** **RCRA-LQG** **1008194382**
SE **3401 W. PACIFIC AVENUE** **CAD008241408**
1/8-1/4 **BURBANK, CA 91505**
0.152 mi.
801 ft. **Site 8 of 9 in cluster L**

Relative: RCRA-LQG:
Lower

Date form received by agency:	2006-02-23 00:00:00.0
Facility name:	TECHNICAL METAL FINISHING CO., INC.
Facility address:	3401 W. PACIFIC AVENUE BURBANK, CA 91505
EPA ID:	CAD008241408

Actual:
656 ft.

TECHNICAL METAL FINISHING CO., INC. (Continued) **1008194382**

Contact: CRAIG H HANRIOT
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 818-954-9504
Contact email: NA
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: DARK FAMILY TRUST
Owner/operator address: 25656 YUCCA RD.
VALLENCIA, CA 91355
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 1990-07-24 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: TECHNICAL METAL FINISHING CO., 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: 1980-06-01 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: RON DARK
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

TECHNICAL METAL FINISHING CO., INC. (Continued) **1008194382**

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 1979-01-01 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: RON DARK
Owner/operator address: 3401 PACIFIC AVE
BURBANK, CA 91505
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 1979-01-01 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
Used oil transporter: No

Historical Generators:
Date form received by agency: 2004-08-13 00:00:00.0
Site name: TECHNICAL METAL FINISHING CO, INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

. 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

TECHNICAL METAL FINISHING CO., INC. (Continued) **1008194382**

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.

Violation Status: No violations found

L56 **TECHNICAL METAL FINISHING CO., INC.** **RCRA-SQG** **1024876439**
SE **3401 W. PACIFIC AVE** **CAP000282939**
1/8-1/4 **BURBANK, CA 91505**
0.152 mi.
801 ft. **Site 9 of 9 in cluster L**

Relative:
Lower

Actual:
656 ft.

RCRA-SQG:

Date form received by agency:	2018-04-19 00:00:00.0
Facility name:	TECHNICAL METAL FINISHING CO., INC.
Facility address:	3401 W. PACIFIC AVE BURBANK, CA 91505
EPA ID:	CAP000282939
Mailing address:	MARKS DRIVE TUSTIN, CA 92782
Contact:	CRAIG HANRIOT
Contact address:	MARKS DRIVE TUSTIN, CA 92782
Contact country:	US
Contact telephone:	714-425-2526
Contact email:	CRAIGH3401@GMAIL.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	CRAIG HANRIOT
Owner/operator address:	W. PACIFIC AVE BURBANK, CA 91505
Owner/operator country:	US
Owner/operator telephone:	714-425-2526
Owner/operator email:	CRAIGH3401@GMAIL.COM
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2004-08-01 00:00:00.
Owner/Op end date:	Not reported

Owner/operator name:	CRAIG HANRIOT
Owner/operator address:	W. PACIFIC AVE BURBANK, CA 91505
Owner/operator country:	US
Owner/operator telephone:	714-425-2526
Owner/operator email:	CRAIGH3401@GMAIL.COM
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private

TECHNICAL METAL FINISHING CO., INC. (Continued) **1024876439**

Owner/Operator Type: Operator
Owner/Op start date: 2004-08-01 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
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: 611
. Waste name: Contaminated soil from site clean-ups

. Waste code: D007
. Waste name: CHROMIUM

Violation Status: No violations found

N57 East 1/8-1/4 0.158 mi. 835 ft. **TRIBAL SCENERY**
3216 VANOWEN ST
BURBANK, CA 91505

Site 1 of 2 in cluster N

Relative: Lower

Actual: 662 ft.

RCRA-SQG 1000472960
FINDS CAD982436545
ECHO
CA HAZNET
CA WIP
CA CERS
CA HWTS

RCRA-SQG:
Date form received by agency: 1993-10-29 00:00:00.0
Facility name: TRIBAL SCENERY
Facility address: 3216 VANOWEN ST
BURBANK, CA 91505
EPA ID: CAD982436545
Contact: JOHN MAZZOLA
Contact address: 3216 VANOWEN ST
BURBANK, CA 91505
Contact country: US
Contact telephone: 818-558-4045
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

TRIBAL SCENERY (Continued) **1000472960**

Owner/Operator Summary:
Owner/operator name: AMGAD ABOUZAMZAM
Owner/operator address: 1962 CANYON DR
HOLLYWOOD, CA 90068
Owner/operator country: Not reported
Owner/operator telephone: 213-469-0318
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

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

Violation Status: No violations found

FINDS:
Registry ID: 110002811789
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002811789

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

TRIBAL SCENERY (Continued) **1000472960**

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:	1000472960
Registry ID:	110002811789
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002811789
Name:	TRIBAL SCENERY
Address:	3216 VANOWEN ST
City,State,Zip:	BURBANK, CA 91505

HAZNET:

Name:	TRIBAL SCENERY
Address:	3216 VANOWEN ST
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915050000
Contact:	MARK GLAVIANO/PAINT DEPT
Telephone:	8185584045
Mailing Name:	Not reported
Mailing Address:	3216 VANOWEN ST
Year:	2006
Gepaid:	CAD982436545
TSD EPA ID:	TXD077603371
CA Waste Code:	281 - Adhesives
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05
Year:	2006
Gepaid:	CAD982436545
TSD EPA ID:	TXD077603371
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	Not reported
Year:	2006
Gepaid:	CAD982436545
TSD EPA ID:	TXD077603371
CA Waste Code:	272 - Polymeric resin waste
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.05
Year:	2006
Gepaid:	CAD982436545
TSD EPA ID:	TXD077603371
CA Waste Code:	461 - Paint sludge
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	Not reported
Year:	2006
Gepaid:	CAD982436545
TSD EPA ID:	TXD077603371

TRIBAL SCENERY (Continued) **1000472960**

CA Waste Code: 272 - Polymeric resin waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.05

Year: 2004
Gepaid: CAD982436545
TSD EPA ID: CAT080033681
CA Waste Code: 291 - Latex waste
Disposal Method: R01 - Recycler
Tons: 0.68805

Year: 2001
Gepaid: CAD982436545
TSD EPA ID: CAD008302903
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.396

Year: 2000
Gepaid: CAD982436545
TSD EPA ID: CAD050806850
CA Waste Code: 461 - Paint sludge
Disposal Method: H01 - Transfer Station
Tons: 0.8

Year: 2000
Gepaid: CAD982436545
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.0385

Year: 1999
Gepaid: CAD982436545
TSD EPA ID: CAT000613893
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: H01 - Transfer Station
Tons: 0.046

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

Additional Info:
Year: 2000
Gen EPA ID: CAD982436545

Shipment Date: 20000822
Creation Date: 11/14/2000 0:00:00
Receipt Date: 20000830
Manifest ID: 99346794
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCR000074591
Trans 2 Name: Not reported
TSDF EPA ID: CAD050806850

TRIBAL SCENERY (Continued) **1000472960**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.8
Waste Quantity:	1600
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:	5/1/2000 0:00:00
Receipt Date:	20000222
Manifest ID:	99338457
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
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:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
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:	20000107
Creation Date:	3/7/2000 0:00:00
Receipt Date:	20000112
Manifest ID:	99861887
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
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:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0135
Waste Quantity:	27
Quantity Unit:	P

TRIBAL SCENERY (Continued) **1000472960**

Additional 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: CAD982436545

Shipment Date: 19940912
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940912
Manifest ID: 93707050
Trans EPA ID: CAD982440364
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
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: H01 - Transfer Station
Quantity Tons: 0.726
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: 19940607
Creation Date: 10/10/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 93706908
Trans EPA ID: CAD982483281
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
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: - Not reported
Quantity Tons: 0.5445
Waste Quantity: 165
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

TRIBAL SCENERY (Continued) **1000472960**

Shipment Date:	19940512
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940513
Manifest ID:	93073994
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
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:	H01 - Transfer Station
Quantity Tons:	0.726
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:	19940222
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940223
Manifest ID:	93073753
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
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:	H01 - Transfer Station
Quantity Tons:	0.693
Waste Quantity:	210
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:	CAD982436545

Shipment Date:	20061130
Creation Date:	7/11/2007 18:30:05
Receipt Date:	20061213
Manifest ID:	000187412CEX
Trans EPA ID:	TXR000050930

TRIBAL SCENERY (Continued) **1000472960**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC 000618
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	272 - Polymeric resin 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:	0.05
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:	20061130
Creation Date:	7/11/2007 18:30:05
Receipt Date:	20061213
Manifest ID:	000187412CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC 000618
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	281 - Adhesives
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
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:	20061130
Creation Date:	7/11/2007 18:30:05
Receipt Date:	20061213
Manifest ID:	000187412CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC 000618
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

TRIBAL SCENERY (Continued) **1000472960**

CA Waste Code:	272 - Polymeric resin waste
RCRA Code:	Not reported
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
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:	20061114
Creation Date:	7/11/2007 18:30:11
Receipt Date:	20061128
Manifest ID:	000187234CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSP INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	Not reported
Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	F002
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061114
Creation Date:	7/11/2007 18:30:11
Receipt Date:	20061128
Manifest ID:	000187234CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSP INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D035
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported

TRIBAL SCENERY (Continued) **1000472960**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1993
Gen EPA ID: CAD982436545

Shipment Date: 19931101
Creation Date: 9/13/1995 0:00:00
Receipt Date: 19931102
Manifest ID: 93073602
Trans EPA ID: CAL931024038
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
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: H01 - Transfer Station
Quantity Tons: 1.023
Waste Quantity: 310
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: CAD982436545

Shipment Date: 19980528
Creation Date: 9/3/1998 0:00:00
Receipt Date: 19980604
Manifest ID: 96682785
Trans EPA ID: CAD983613688
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: Not reported
TSDF Alt EPA ID: CAD008252405
TSDF Alt Name: Not reported
CA Waste Code: 461 - Paint sludge
RCRA Code: D001
Disposal Method: R01 - Recycler
Quantity Tons: 0.688
Waste Quantity: 165
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

TRIBAL SCENERY (Continued) **1000472960**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980520
Creation Date:	8/3/1998 0:00:00
Receipt Date:	19980528
Manifest ID:	96682784
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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:	19980325
Creation Date:	6/16/1998 0:00:00
Receipt Date:	19980326
Manifest ID:	96217941
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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:	19980227
Creation Date:	5/8/1998 0:00:00
Receipt Date:	19980305
Manifest ID:	96217942
Trans EPA ID:	CAD983613688

TRIBAL SCENERY (Continued) **1000472960**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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:	19980113
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19980115
Manifest ID:	96830457
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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

Additional Info:

Year:	1996
Gen EPA ID:	CAD982436545

Shipment Date:	19961106
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961114
Manifest ID:	96264640
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported

TRIBAL SCENERY (Continued) **1000472960**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
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
Shipment Date:	19961101
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961105
Manifest ID:	96052119
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	2.3977
Waste Quantity:	575
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:	19960927
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	96052118
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported

TRIBAL SCENERY (Continued) **1000472960**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960911
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960917
Manifest ID:	96326673
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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:	19960808
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960809
Manifest ID:	95720161
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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:	19960403
Creation Date:	10/4/1996 0:00:00
Receipt Date:	19960409
Manifest ID:	96052359

TRIBAL SCENERY (Continued) **1000472960**

Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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:	19960214
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960216
Manifest ID:	95730086
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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:	19960102
Creation Date:	10/9/1996 0:00:00
Receipt Date:	19960103
Manifest ID:	95720165
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge

TRIBAL SCENERY (Continued) **1000472960**

RCRA Code: D001
Disposal Method: R01 - Recycler
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

Additional Info:
Year: 1999
Gen EPA ID: CAD982436545

Shipment Date: 19991124
Creation Date: 1/19/2000 0:00:00
Receipt Date: 19991201
Manifest ID: 99011637
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
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: 134 - Aqueous solution with <10% total organic residues
RCRA Code: D039
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.126
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: 19991112
Creation Date: 1/11/2000 0:00:00
Receipt Date: 19991117
Manifest ID: 99514369
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
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: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.005
Waste Quantity: 10
Quantity Unit: P

TRIBAL SCENERY (Continued) **1000472960**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19990907
Creation Date:	10/26/1999 0:00:00
Receipt Date:	19990909
Manifest ID:	99050462
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
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:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
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:	19990708
Creation Date:	9/23/1999 0:00:00
Receipt Date:	19990713
Manifest ID:	99234103
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
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:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	F005
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	36
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:	19990510
Creation Date:	6/10/1999 0:00:00
Receipt Date:	19990512

TRIBAL SCENERY (Continued) **1000472960**

Manifest ID: 99001955
Trans EPA ID: ILD984908202
Trans Name: Not reported
Trans 2 EPA ID: SCD987574647
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: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code: F005
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.018
Waste Quantity: 36
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: CAD982436545

Shipment Date: 19951226
Creation Date: 9/18/1996 0:00:00
Receipt Date: 19951227
Manifest ID: 95730087
Trans EPA ID: CAD983613688
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: Not reported
TSDF Alt EPA ID: CAD008252405
TSDF Alt Name: Not reported
CA Waste Code: 461 - Paint sludge
RCRA Code: D001
Disposal Method: R01 - Recycler
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: 19951012
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951012
Manifest ID: 95685233
Trans EPA ID: CAD983613688
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported

TRIBAL SCENERY (Continued) **1000472960**

TSDF EPA ID: CAD008252405
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 461 - Paint sludge
RCRA Code: D001
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

Shipment Date: 19951011
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951012
Manifest ID: 95685235
Trans EPA ID: CAD983613688
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 461 - Paint sludge
RCRA Code: D001
Disposal Method: R01 - Recycler
Quantity Tons: 0.688
Waste Quantity: 165
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: 19950828
Creation Date: 4/2/1996 0:00:00
Receipt Date: 19950828
Manifest ID: 95660535
Trans EPA ID: CAL931024038
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: CAD000088252
TSDF Alt Name: Not reported
CA Waste Code: 461 - Paint sludge
RCRA Code: D001
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.417
Waste Quantity: 100

TRIBAL SCENERY (Continued) **1000472960**

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:	19950606
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950606
Manifest ID:	95119342
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	1.7097
Waste Quantity:	410
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:	19950331
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950331
Manifest ID:	95119201
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
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

Additional Info:

Year:	2001

TRIBAL SCENERY (Continued) **1000472960**

Gen EPA ID: CAD982436545

Shipment Date: 20011019
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011023
Manifest ID: 21043355
Trans EPA ID: CAR000094748
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: 214 - Unspecified solvent mixture
RCRA Code: D001
Disposal Method: R01 - Recycler
Quantity Tons: 0.396
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: 1997
Gen EPA ID: CAD982436545

Shipment Date: 19971110
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971113
Manifest ID: 96830691
Trans EPA ID: CAD983613688
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: Not reported
TSDF Alt EPA ID: CAD008252405
TSDF Alt Name: Not reported
CA Waste Code: 461 - Paint sludge
RCRA Code: D001
Disposal Method: R01 - Recycler
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: 19970820
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19970821

TRIBAL SCENERY (Continued) **1000472960**

Manifest ID:	96793820
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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:	19970709
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970715
Manifest ID:	96793740
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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:	19970507
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970508
Manifest ID:	96793819
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported

TRIBAL SCENERY (Continued) **1000472960**

CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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:	19970207
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970311
Manifest ID:	96311490
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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:	19970114
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970116
Manifest ID:	96311489
Trans EPA ID:	CAD983613688
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	481 - Tetraethyl lead sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
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

TRIBAL SCENERY (Continued) **1000472960**

Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2004
Gen EPA ID: CAD982436545

Shipment Date: 20040310
Creation Date: 10/1/2004 18:31:09
Receipt Date: 20040316
Manifest ID: 23004782
Trans EPA ID: CAR000045278
Trans Name: IDR ENVIRONMENTAL
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: D/K ENVIRONMENTAL
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
CA Waste Code: 291 - Latex waste
RCRA Code: Not reported
Disposal Method: R01 - Recycler
Quantity Tons: 0.68805
Waste Quantity: 165
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

WIP:
Name: PACIFIC SPINNING & DRAWING
Address: 3216 Vanowen St
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0821
File Status: Historical
Staff: YRONG
Facility Suite: Not reported

CERS:
Name: TRIBAL SCENERY
Address: 3216 VANOWEN ST
City,State,Zip: BURBANK, CA 91505
Site ID: 77703
CERS ID: 10229944
CERS Description: Chemical Storage Facilities

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-27-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Hazardous materials inspection completed. No HMRRP violations.
Eval Division: Burbank Fire Department

TRIBAL SCENERY (Continued) **1000472960**

Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-10-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspection by K. Kacmar. No HMRRP violations.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: John Sugita
Entity Title: Not reported
Affiliation Address: 3216 VANOWEN STREET
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91505
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: AMGAD ABOUZAMZAM
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: (818) 558-4045

Affiliation Type Desc: Parent Corporation
Entity Name: TRIBAL SCENERY
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: 3216 VANOWEN ST
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91505
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road

TRIBAL SCENERY (Continued) **1000472960**

Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Legal Owner
Entity Name: AMGAD ABOUZAMZAM
Entity Title: Not reported
Affiliation Address: 3216 VANOWEN ST
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91505
Affiliation Phone: (818) 558-4045

HWTS:
Name: TRIBAL SCENERY
Address: 3216 VANOWEN ST
Address 2: Not reported
City,State,Zip: BURBANK, CA 915050000
EPA ID: CAD982436545
Inactive Date: 06/30/2002
Create Date: 11/14/1990
Last Act Date: 04/11/2006
Mailing Name: Not reported
Mailing Address: 3216 VANOWEN ST
Mailing Address 2: Not reported
Mailing City,State,Zip: BURBANK, CA 915050000
Owner Name: AMGAD ABOU ZAM ZAM
Owner Address: 3216 VANOWEN ST
Owner Address 2: Not reported
Owner City,State,Zip: BURBANK, CA 915050000
Contact Name: MARK GLAVIANO/PAINT DEPT
Contact Address: 3216 VAN OWEN
Contact Address 2: Not reported
City,State,Zip: BURBANK, CA 915050000

NAICS:
EPA ID: CAD982436545
Create Date: 2002-03-14 16:36:27
NAICS Code: 3346
NAICS Description: Manufacturing and Reproducing Magnetic and Optical Media
Issued EPA ID Date: 1990-11-14 00:00:00
Inactive Date: 2002-06-30 00:00:00
Facility Name: TRIBAL SCENERY
Facility Address: 3216 VANOWEN ST
Facility Address 2: Not reported
Facility City: BURBANK
Facility County: 19
Facility State: CA
Facility Zip: 915050000

M58 **QUANTUM CREATION FX INC** **CA CERS HAZ WASTE** **S123537017**
ESE **3210 W VALHALLA DR** **CA HWTS** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.162 mi.
854 ft. **Site 2 of 4 in cluster M**

Relative:
Lower

Actual:
659 ft.

CERS HAZ WASTE:
Name: QUANTUM CREATION FX INC
Address: 3210 W VALHALLA DR
City,State,Zip: BURBANK, CA 91505
Site ID: 145641
CERS ID: 10229926
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 145641
Site Name: QUANTUM CREATION FX INC
Violation Date: 10-19-2016
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 10/19/2016. OBSERVATION: Owner/Operator failed to submit the hazardous waste notification electronically to CERS. Not submitted since 2013. Please re-submit with any updates. CORRECTIVE ACTION: Owner/Operator shall submit a notification of hazardous waste generated by the facility in accordance with HSC 25128 electronically to CERS. HSC 25404(e)(4) No later than three years after the statewide information management system is established, each CUPA, PA, and regulated business shall report program data electronically. The secretary shall work with the CUPAs to develop a phased in schedule for the electronic collection and submittal of information to be included in the statewide information management system, giving first priority to information relating to those chemicals determined by the secretary to be of greatest concern. The secretary, in making this determination shall consult with the CUPAs, the California Emergency Management Agency, the State Fire Marshal, and the [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-14-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: David Kawano
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Greg Johnson-Project Supv. Last CERS submittal 2013. CERS updated and re-submitted during inspection.
Eval Division: Los Angeles County Fire Department

QUANTUM CREATION FX INC (Continued) **S123537017**

Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 145641
Facility Name: QUANTUM CREATION FX INC
Env Int Type Code: HWG
Program ID: 10229926
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.190280
Longitude: -118.345760

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Lisa Beckman
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: Christian Beckman
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: (818) 846-6740

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Identification Signer
Entity Name: Lisa Beckman
Entity Title: 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: Legal Owner
Entity Name: Christian Beckman

QUANTUM CREATION FX INC (Continued) **S123537017**

Entity Title:	Not reported
Affiliation Address:	3210 W VALHALLA DR
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91505
Affiliation Phone:	(818) 846-6740
Affiliation Type Desc:	Environmental Contact
Entity Name:	Christian Beckman
Entity Title:	Not reported
Affiliation Address:	3210 W Valhalla Dr
Affiliation City:	Burbank
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91505
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3210 W VALHALLA DR
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91505
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	QUANTUM CREATION FX 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

HWTS:

Name:	QUANTUM CREATION FX INC
Address:	3210 W VALHALLA DR
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 91505
EPA ID:	CAC002691764
Inactive Date:	10/22/2012
Create Date:	04/24/2012
Last Act Date:	04/24/2012
Mailing Name:	Not reported
Mailing Address:	3210 W VALHALLA DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURBANK, CA 91505
Owner Name:	QUANTUM CREATION FX INC
Owner Address:	3210 W VALHALLA DR
Owner Address 2:	Not reported
Owner City,State,Zip:	BURBANK, CA 91505
Contact Name:	JACOB GILLMAN

QUANTUM CREATION FX INC (Continued) **S123537017**

Contact Address: 3210 W VALHALLA DR
Contact Address 2: Not reported
City,State,Zip: BURBANK, CA 91505

N59 **WALTON EMMICK** **CA LOS ANGELES CO. HMS** **S102531860**
East **3210 VANOWEN ST** **CA WIP** **N/A**
1/8-1/4 **BURBANK, CA 91504**
0.164 mi.
867 ft. **Site 2 of 2 in cluster N**

Relative:
Lower

Actual:
662 ft.

LOS ANGELES CO. HMS:
Name: WALTON EMMICK
Address: 3210 VANOWEN ST
City,State,Zip: BURBANK, CA 91504
Region: LA
Permit Category: Not reported
Facility Id: 016875-024289
Facility Type: Not reported
Facility Status: OPEN
Area: 3E
Permit Number: Not reported
Permit Status: Not reported

WIP:
Name: PROVENZANO CERAMICS
Address: 3210 Vanowen St
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0203
File Status: Historical
Staff: WS
Facility Suite: Not reported

O60 **BURBANK AIRPORT HILTON** **CA WIP** **S103953576**
NNE **2500 HOLLYWOOD WAY** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.168 mi.
886 ft. **Site 1 of 15 in cluster O**

Relative:
Higher

Actual:
676 ft.

WIP:
Name: BURBANK AIRPORT HILTON
Address: 2500 Hollywood Way
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.1185
File Status: Historical
Staff: LM
Facility Suite: Not reported

P61 **U S POST OFFICE BURBANK** **CA SWEEPS UST** **U001568400**
SSE **2140 N HOLLYWOOD WAY** **CA HIST UST** **N/A**
1/8-1/4 **BURBANK, CA 91505** **CA LOS ANGELES CO. HMS**
0.172 mi.
907 ft. **Site 1 of 3 in cluster P**

Relative:
Lower

Actual:
656 ft.

SWEEPS UST:

Name:	U S POST OFFICE BURBANK
Address:	2140 N HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	10631
Number:	7
Board Of Equalization:	Not reported
Referral Date:	02-06-91
Action Date:	02-06-91
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-007-010631-000001
Tank Status:	A
Capacity:	6000
Active Date:	02-06-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	4

Name:	U S POST OFFICE BURBANK
Address:	2140 N HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	10631
Number:	7
Board Of Equalization:	Not reported
Referral Date:	02-06-91
Action Date:	02-06-91
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-007-010631-000002
Tank Status:	A
Capacity:	6000
Active Date:	02-06-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	U S POST OFFICE BURBANK
Address:	2140 N HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	10631
Number:	7
Board Of Equalization:	Not reported
Referral Date:	02-06-91
Action Date:	02-06-91
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-007-010631-000005

U S POST OFFICE BURBANK (Continued) **U001568400**

Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: U S POST OFFICE BURBANK
Address: 2140 N HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 10631
Number: 7
Board Of Equalization: Not reported
Referral Date: 02-06-91
Action Date: 02-06-91
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-010631-000006
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: U S POST OFFICE BURBANK
Address: 2140 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 10631
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: 19-007-010631-000003
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 2

Name: U S POST OFFICE BURBANK
Address: 2140 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 10631
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported

U S POST OFFICE BURBANK (Continued) **U001568400**

Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-010631-000004
Tank Status: Not reported
Capacity: 550
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

HIST UST:
Name: BURBANK POST OFFICE
Address: 2140 N HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
File Number: 00028445
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028445.pdf
Region: STATE
Facility ID: 00000066518
Facility Type: Other
Other Type: POST OFFICE
Contact Name: DAVE BEAUVIS
Telephone: 8188463155
Owner Name: UNITED STATES POSTAL SERVICE
Owner Address: 15701 SHERMAN WAY
Owner City,St,Zip: VAN NUYS, CA 91406
Total Tanks: 0005

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: X
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 004
Container Num: 2

U S POST OFFICE BURBANK (Continued) **U001568400**

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

Tank Num:	005
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

LOS ANGELES CO. HMS:

Name:	US POSTAL SERVICE\\VEH MAINT
Address:	2140 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91504
Region:	LA
Permit Category:	T
Facility Id:	010687-010631
Facility Type:	0
Facility Status:	Removed
Area:	3E
Permit Number:	00004611T
Permit Status:	Removed

O62 **AVAIRPROS SERVICES** **CA AST** **A100417396**
NNE **2501 N HOLLYWOOD WAY** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.177 mi.
937 ft. **Site 2 of 15 in cluster O**

Relative: AST:
Higher

Actual:
678 ft.

Name:	AVAIRPROS SERVICES
Address:	2501 N HOLLYWOOD WAY
City/Zip:	BURBANK,91505
Certified Unified Program Agencies:	Not reported
Owner:	AvAirPros Services
Total Gallons:	Not reported
CERSID:	10505038
Facility ID:	458
Business Name:	AvAirPros Services
Phone:	510-382-2150
Fax:	509-752-8489
Mailing Address:	7600 EARHART RD. STE 9
Mailing Address City:	OAKLAND
Mailing Address State:	CA
Mailing Address Zip Code:	94621
Operator Name:	AvAirPros Services
Operator Phone:	818-723-7834
Owner Phone:	510-382-2150
Owner Mail Address:	7600 EARHART RD, Suite 9

AVAIRPROS SERVICES (Continued) **A100417396**

Owner State:	CA
Owner Zip Code:	94621
Owner Country:	United States
Property Owner Name:	Burbank-Glendale-Pasadena Airport Authority
Property Owner Phone:	818-729-2226
Property Owner Mailing Address:	2627 Hollywood Way
Property Owner City:	Burbank
Property Owner Stat :	CA
Property Owner Zip Code:	91505
Property Owner Country:	United States
EPAID:	CAD980695647

O63 **FOX RENT A CAR - BURBANK** **RCRA NonGen / NLR** **1024859052**
NNE **2501 N HOLLYWOOD WAY** **CAL000425946**
1/8-1/4 **BURBANK, CA 91505**
0.177 mi.
937 ft. **Site 3 of 15 in cluster O**

Relative:
Higher

Actual:
678 ft.

RCRA NonGen / NLR:

Date form received by agency:	2017-03-21 00:00:00.0
Facility name:	FOX RENT A CAR - BURBANK
Facility address:	2501 N HOLLYWOOD WAY BURBANK, CA 91505
EPA ID:	CAL000425946
Mailing address:	5500 W CENTURY BLVD LOS ANGELES, CA 90045-5914
Contact:	DONTE HAYES
Contact address:	5500 W. CENTURY BLVD. LOS ANGELES, CA 90045-0000
Contact country:	Not reported
Contact telephone:	310-342-5155
Contact email:	DHAYES@FOXRENTACAR.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	DONTE HAYES
Owner/operator address:	5500 W. CENTURY BLVD. LOS ANGELES, CA 90045
Owner/operator country:	Not reported
Owner/operator telephone:	310-342-5155
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:	FOX RENT A CAR INC
Owner/operator address:	5500 W CENTURY BLVD LOS ANGELES, CA 90045
Owner/operator country:	Not reported
Owner/operator telephone:	310-342-5155
Owner/operator email:	Not reported
Owner/operator fax:	Not reported

FOX RENT A CAR - BURBANK (Continued) **1024859052**

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

Violation Status: No violations found

O64 **EHI BUR CONRAC** **CA CERS HAZ WASTE** **S118937874**
NNE **2501 N HOLLYWOOD WAY STE B** **CA CERS TANKS** **N/A**
1/8-1/4 **BURBANK, CA 91505** **CA CERS**
0.177 mi.
937 ft. **Site 4 of 15 in cluster O**

Relative: Higher
Actual: 678 ft.

CERS HAZ WASTE:
Name: EHI BUR CONRAC
Address: 2501 N HOLLYWOOD WAY STE B
City,State,Zip: BURBANK, CA 91505
Site ID: 27626
CERS ID: 10594348
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: AVAIRPROS SERVICES
Address: 2501 N HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
Site ID: 96603
CERS ID: 10505038
CERS Description: Underground Storage Tank

Name: AVAIRPROS SERVICES
Address: 2501 N HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
Site ID: 96603
CERS ID: 10505038
CERS Description: Aboveground Petroleum Storage

CERS:
Name: AVAIRPROS SERVICES
Address: 2501 N HOLLYWOOD WAY

EHI BUR CONRAC (Continued) **S118937874**

City,State,Zip: BURBANK, CA 91505
Site ID: 96603
CERS ID: 10505038
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 96603
Site Name: AvAirPros Services
Violation Date: 08-26-2015
Citation: 23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description: Failure of the pressurized piping to meet one or more of the following requirements: monitored at least hourly with the capability of detecting a release of 3.0 gallons per hour, and will restrict the flow of product through the piping or trigger an alarm when a release occurs.
Violation Notes: Returned to compliance on 10/31/2015. Repair was maid and retested passed.
Violation Division: Burbank Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 96603
Site Name: AvAirPros Services
Violation Date: 08-17-2017
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 08/17/2017. S27-T-1 Product Line High Sensor Did Not Work Was Replaced and Retested.
Violation Division: Burbank Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 96603
Site Name: AvAirPros Services
Violation Date: 08-26-2016
Citation: HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple
Violation Description: UST Program - Administration/Documentation - General - Must include violation description, proper statute and regulation citation in the "comment" section.
Violation Notes: Returned to compliance on 11/18/2016. Monitoring Certification was not completed on Anniversary date.
Violation Division: Burbank Fire Department
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Alan Bell
Eval Division: Los Angeles County Fire Department
Eval Program: APSA

EHI BUR CONRAC (Continued) **S118937874**

Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-25-2017
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Alan Bell
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-18-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Inspection by D. King and K. Kacmar, Fire Prevention Inspectors. No HMRRP violations. Also present was J. Keegan with LA County Fire Department.
Eval Division:	Burbank Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-17-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Annual Inspection Completed By Daniel King.
Eval Division:	Burbank Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-26-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Annual inspection completed by Daniel King 2 Day Inspection. Monitoring System Certification Completed By CET. Mechanical Leak Detector Failed.
Eval Division:	Burbank Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-01-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Annual Inspection Completed By Daniel King
Eval Division:	Burbank Fire Department
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-07-2018
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Annual Inspection Completed By Daniel King.
Eval Division:	Burbank Fire Department

EHI BUR CONRAC (Continued) **S118937874**

Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-17-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspection Complete.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-23-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Annual Inspection Completed by Daniel King.
Eval Division: Burbank Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Inspection Completed By Daniel King
Eval Division: Burbank Fire Department
Eval Program: UST
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Operator
Entity Name: Bur RAC Participants
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: (818) 723-7834

Affiliation Type Desc: Property Owner
Entity Name: Burbank-Glendale-Pasadena Airport Authority
Entity Title: Not reported
Affiliation Address: 2627 Hollywood Way
Affiliation City: Burbank
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91505
Affiliation Phone: (818) 729-2226

Affiliation Type Desc: UST Tank Operator
Entity Name: Bur RAC Participants
Entity Title: Not reported
Affiliation Address: 7600 Earhart Dr, Suite 9
Affiliation City: Oakland
Affiliation State: CA

EHI BUR CONRAC (Continued) **S118937874**

Affiliation Country: United States
Affiliation Zip: 94621
Affiliation Phone: (510) 382-2150

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact
Entity Name: Bur RAC Participants, Dick Wilson
Entity Title: Not reported
Affiliation Address: 7600 Earhart Rd, Suite 9
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94621
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: AVAirPros Services RITC
Entity Title: Not reported
Affiliation Address: 7600 EARHART RD, Suite 9
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94621
Affiliation Phone: (510) 382-2150

Affiliation Type Desc: Parent Corporation
Entity Name: AvAirPros Services
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 Permit Applicant
Entity Name: AvAirPros Services; Dick Wilson
Entity Title: Executive Director Rental Car Services
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (510) 382-2150

Affiliation Type Desc: UST Tank Owner
Entity Name: Burbank-Glendale-Pasadena Airport Authority
Entity Title: Not reported

EHI BUR CONRAC (Continued) **S118937874**

Affiliation Address:	2627 Hollywood Way
Affiliation City:	Burbank
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91505
Affiliation Phone:	(818) 729-2226
Affiliation Type Desc:	Document Preparer
Entity Name:	Steve Skanderson
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:	Identification Signer
Entity Name:	Dick Wilson
Entity Title:	Executive Director Rental Car Services
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:	7600 EARHART RD. STE 9
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94621
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Burbank-Glendale-Pasadena Airport Authority
Entity Title:	Not reported
Affiliation Address:	2627 Hollywood Way
Affiliation City:	Burbank
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91505
Affiliation Phone:	(818) 729-2226
Name:	EHI BUR CONRAC
Address:	2501 N HOLLYWOOD WAY STE B
City,State,Zip:	BURBANK, CA 91505
Site ID:	27626
CERS ID:	10594348
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	27626
Site Name:	EHI BUR CONRAC

EHI BUR CONRAC (Continued) **S118937874**

Violation Date: 06-27-2017
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 07/20/2017. OBSERVATION: 2x30 gal drums labeled with 2.1 and 3 hazards were observed in the hazardous waste storage area without "empty" labels. Drums are empty. CORRECTIVE ACTION: Submit photos/documentation to this department demonstrating that the empty containers listed above have been marked with the date they were emptied and are being properly managed pursuant to 22 CCR 11 66261.7.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-22-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: James Boonin
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspection by K. Kacmar. No HMRRP violations.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 07-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Environmental Contact
Entity Name: Paul McGlynn

EHI BUR CONRAC (Continued) **S118937874**

Entity Title: Not reported
Affiliation Address: 333 City Boulevard West, Ste. 1115
Affiliation City: Orange
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92868
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Enterprise Rent-A-Car Company of LA, LLC
Entity Title: Not reported
Affiliation Address: 333 City Boulevard West, Ste. 1115
Affiliation City: Orange
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92868
Affiliation Phone: (657) 221-4513

Affiliation Type Desc: Operator
Entity Name: Enterprise Rent-A-Car Company of LA, 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: (657) 221-4513

Affiliation Type Desc: Identification Signer
Entity Name: Thomas Klingler
Entity Title: Vice President of Finance
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: Michele Floren
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: 333 City Boulevard West, Ste. 1115
Affiliation City: Orange
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92868
Affiliation Phone: Not reported

EHI BUR CONRAC (Continued) **S118937874**

Affiliation Type Desc:	Parent Corporation
Entity Name:	Enterprise Rent-A-Car Company of Los Angeles, 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:	Property Owner
Entity Name:	Burbank-Glendale-Pasadena Airport Authority
Entity Title:	Not reported
Affiliation Address:	2627 Hollywood Way
Affiliation City:	Burbank
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91505
Affiliation Phone:	(818) 729-2226

O65 **EHI BUR CONRAC** **RCRA NonGen / NLR** **1024845899**
NNE **2501 N HOLLYWOOD WAY** **CAL000399401**
1/8-1/4 **BURBANK, CA 91505**
0.177 mi.
937 ft. **Site 5 of 15 in cluster O**

Relative:
Higher

Actual:
678 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-07-31 00:00:00.0
Facility name:	EHI BUR CONRAC
Facility address:	2501 N HOLLYWOOD WAY BURBANK, CA 91505-1061
EPA ID:	CAL000399401
Mailing address:	333 CITY BLVD W STE 1115 ORANGE, CA 92868-2918
Contact:	CORRINE RAMIREZ
Contact address:	333 CITY BLVD W STE 1115 ORANGE, CA 92868
Contact country:	Not reported
Contact telephone:	657-221-4518
Contact email:	CORRINE.M.RAMIREZ@EHI.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ENTERPRISE RENTACAR COMPA OF LA LLC
Owner/operator address:	333 CITY BLVD W STE 1115 ORANGE, CA 92868
Owner/operator country:	Not reported
Owner/operator telephone:	657-221-4400
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

EHI BUR CONRAC (Continued) **1024845899**

Owner/Op end date:	Not reported
Owner/operator name:	CORRINE RAMIREZ
Owner/operator address:	333 CITY BLVD W STE 1115 ORANGE, CA 92868
Owner/operator country:	Not reported
Owner/operator telephone:	657-221-4518
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:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

O66 **AVAIRPROS SERVICES** **CA UST** **U004261206**
NNE **2501 N HOLLYWOOD WAY** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.177 mi.
937 ft. **Site 6 of 15 in cluster O**

Relative: **Higher**
Actual: **678 ft.**

UST:

Name:	AVAIRPROS SERVICES
Address:	2501 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505
Facility ID:	LACoFA0047248
Permitting Agency:	Los Angeles County Fire Department
Latitude:	34.19488
Longitude:	-118.34897

O67 **AVIS RENT A CAR SYSTEM LLC** **RCRA NonGen / NLR** **1024846480**
NNE **2501 N HOLLYWOOD WAY STE 7** **CAL000400597**
1/8-1/4 **BURBANK, CA 91505**
0.177 mi.
937 ft. **Site 7 of 15 in cluster O**

Relative:
Higher

Actual:
678 ft.

RCRA NonGen / NLR:

Date form received by agency:	2014-09-19 00:00:00.0
Facility name:	AVIS RENT A CAR SYSTEM LLC
Facility address:	2501 N HOLLYWOOD WAY STE 7 BURBANK, CA 91505-1061
EPA ID:	CAL000400597
Mailing address:	6 SYLVAN WAY PARSIPPANY, NJ 07054-3826
Contact:	ROSE PELINO
Contact address:	6 SYLVAN WAY PARSIPPANY, NJ 07054-3826
Contact country:	Not reported
Contact telephone:	973-496-3447
Contact email:	ROSE.PELINO@AVISBUDGET.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	AVIS RENT A CAR SYSTEM LLC
Owner/operator address:	6 SYLVAN WAY PARSIPPANY, NJ 07054
Owner/operator country:	Not reported
Owner/operator telephone:	973-496-3447
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:	ROSE PELINO
Owner/operator address:	6 SYLVAN WAY PARSIPPANY, NJ 07054
Owner/operator country:	Not reported
Owner/operator telephone:	973-496-3447
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:	Yes
Treater, storer or disposer of HW:	No
Underground injection activity:	No

AVIS RENT A CAR SYSTEM LLC (Continued) **1024846480**

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

O68 **HERTZ RAC 1102** **RCRA NonGen / NLR** **1024854017**
NNE **2501 N HOLLYWOOD WAY** **CAL000414436**
1/8-1/4 **BURBANK, CA 91505**
0.177 mi.
937 ft. **Site 8 of 15 in cluster O**

Relative:
Higher

Actual:
678 ft.

RCRA NonGen / NLR:

Date form received by agency:	2016-02-18 00:00:00.0
Facility name:	HERTZ RAC 1102
Facility address:	2501 N HOLLYWOOD WAY BURBANK, CA 91505-1053
EPA ID:	CAL000414436
Contact:	EDUARDO SANDOVAL
Contact address:	2501 N HOLLYWOOD WAY BURBANK, CA 91505-1053
Contact country:	Not reported
Contact telephone:	818-525-2305
Contact email:	ESANDOVAL1@HERTZ.COM
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	HERTZ RENT A CAR
Owner/operator address:	8501 WILLIAMS RD ESTERO, FL 33928
Owner/operator country:	Not reported
Owner/operator telephone:	239-301-7280
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:	EDUARDO SANDOVAL
Owner/operator address:	2501 N HOLLYWOOD WAY BURBANK, CA 91505
Owner/operator country:	Not reported
Owner/operator telephone:	818-525-2305
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Other
Owner/Operator Type:	Operator

HERTZ RAC 1102 (Continued) **1024854017**

Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

M69 **SCREEN GRAPHICS CO. INC.** **CA CERS HAZ WASTE** **S103652677**
East **3216 VALHALLA DR** **CA EMI** **N/A**
1/8-1/4 **BURBANK, CA 91505** **CA LOS ANGELES CO. HMS**
0.191 mi. **CA WIP**
1007 ft. **Site 3 of 4 in cluster M**

Relative: **Lower**

Actual: **659 ft.**

CERS HAZ WASTE:
Name: BUDDYS ALL STAR SPORTING GOODS
Address: 3216 VALHALLA DR
City,State,Zip: BURBANK, CA 91505
Site ID: 100419
CERS ID: 10229935
CERS Description: Hazardous Waste Generator

Violations:
Site ID: 100419
Site Name: BUDDYS ALL STAR SPORTING GOODS
Violation Date: 07-05-2017
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 03/13/2018. OBSERVATION: Uniform Hazardous Waste Manifests for waste ink were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for waste ink and submit copies to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 100419
Site Name: BUDDYS ALL STAR SPORTING GOODS
Violation Date: 07-05-2017
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22,

SCREEN GRAPHICS CO. INC. (Continued) **S103652677**

Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 03/13/2018. OBSERVATION: 1x55 gal plastisol in located in the back lot was observed WITHOUT AN ACCUMULATION START DATE and a manifest/receipt demonstrating disposal within the past 180 days was not available. CORRECTIVE ACTION: Dispose of Non-RCRA Hazardous waste liquid, plastisol ink and submit a copy of the manifest/receipt to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-13-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-05-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Steven Escobasa
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3216 VALHALLA DR.
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91505
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: BUDDYS ALL STARS, INC.
Entity Title: Not reported
Affiliation Address: 3216 VALHALLA DR
Affiliation City: BURBANK
Affiliation State: CA

SCREEN GRAPHICS CO. INC. (Continued) **S103652677**

Affiliation Country:	United States
Affiliation Zip:	91505
Affiliation Phone:	(818) 846-8805
Affiliation Type Desc:	Property Owner
Entity Name:	Louis Talamantes
Entity Title:	Not reported
Affiliation Address:	3216 VALHALLA DR
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91505
Affiliation Phone:	(818) 974-6123
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4045
Affiliation Type Desc:	Environmental Contact
Entity Name:	LOUIS TALAMANTES
Entity Title:	Not reported
Affiliation Address:	3216 VALHALLA DR
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91505
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	BUDDYS ALL STAR SPORTING GOODS
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:	LOUIS TALAMANTES
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:	(818) 974-6123

EMI:
Name: SCREEN GRAPHICS CO INC

SCREEN GRAPHICS CO. INC. (Continued) **S103652677**

Address:	3216 VALHALLA DR
City,State,Zip:	BURBANK, CA 915050000
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	36697
Air District Name:	SC
SIC Code:	2753
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:	SCREEN GRAPHICS CO INC
Address:	3216 VALHALLA DR
City,State,Zip:	BURBANK, CA 915050000
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	36697
Air District Name:	SC
SIC Code:	279
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

Name:	SCREEN GRAPHICS CO INC
Address:	3216 VALHALLA DR
City,State,Zip:	BURBANK, CA 915050000
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	36697
Air District Name:	SC
SIC Code:	2751
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0

SCREEN GRAPHICS CO. INC. (Continued) **S103652677**

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

Name:	SCREEN GRAPHICS CO INC
Address:	3216 VALHALLA DR
City,State,Zip:	BURBANK, CA 915050000
Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	36697
Air District Name:	SC
SIC Code:	2759
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:	SCREEN GRAPHICS CO INC
Address:	3216 VALHALLA DR
City,State,Zip:	BURBANK, CA 915050000
Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	36697
Air District Name:	SC
SIC Code:	2759
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:	SCREEN GRAPHICS CO INC
Address:	3216 VALHALLA DR
City,State,Zip:	BURBANK, CA 915050000
Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	36697
Air District Name:	SC
SIC Code:	2759
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:	0.458615
Reactive Organic Gases Tons/Yr:	0.21
Carbon Monoxide Emissions Tons/Yr:	0.00175

SCREEN GRAPHICS CO. INC. (Continued) **S103652677**

NOX - Oxides of Nitrogen Tons/Yr: 0.0065
SOX - Oxides of Sulphur Tons/Yr: 0.0000415
Particulate Matter Tons/Yr: 0.000375
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: SCREEN GRAPHICS CO INC
Address: 3216 VALHALLA DR
City,State,Zip: BURBANK, CA 915050000
Year: 2006
County Code: 19
Air Basin: SC
Facility ID: 36697
Air District Name: SC
SIC Code: 2759
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: .265
Reactive Organic Gases Tons/Yr: .13
Carbon Monoxide Emissions Tons/Yr: .002
NOX - Oxides of Nitrogen Tons/Yr: .008
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: SCREEN GRAPHICS CO INC
Address: 3216 VALHALLA DR
City,State,Zip: BURBANK, CA 915050000
Year: 2007
County Code: 19
Air Basin: SC
Facility ID: 36697
Air District Name: SC
SIC Code: 2759
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: .265
Reactive Organic Gases Tons/Yr: .13
Carbon Monoxide Emissions Tons/Yr: .002
NOX - Oxides of Nitrogen Tons/Yr: .008
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

LOS ANGELES CO. HMS:
Name: SCREEN GRAPHICS CO INC
Address: 3216 VALHALLA DR
City,State,Zip: BURBANK, CA 91505
Region: LA
Permit Category: Not reported
Facility Id: 025955-035441
Facility Type: Not reported
Facility Status: OPEN
Area: 3E
Permit Number: Not reported
Permit Status: Not reported

SCREEN GRAPHICS CO. INC. (Continued) **S103652677**

WIP:
Name: SCREEN GRAPHICS CO. INC.
Address: 3216 Valhalla Dr
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0967
File Status: Historical
Staff: YRONG
Facility Suite: Not reported

O70 **LOCKHEED AIRCRAFT CORPORATION** **CA ENVIROSTOR** **S103646938**
NNE **2555 NORTH HOLLYWOOD WAY** **CA CPS-SLIC** **N/A**
1/8-1/4 **BURBANK, CA 91505** **CA CERS**
0.193 mi.
1019 ft. **Site 9 of 15 in cluster O**

Relative: Higher

Actual: 679 ft.

ENVIROSTOR:
Name: LOCKHEED AIRCRAFT CORPORATION
Address: 2555 NORTH HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
Facility ID: 19370189
Status: Refer: RWQCB
Status Date: 06/01/1995
Site Code: 300426
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Nancy Carder
Supervisor: Tolu Awosika
Division Branch: Cleanup Chatsworth
Assembly: 43
Senate: 25
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.20028
Longitude: -118.3510
APN: 2466011908
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: LOCKHEED BURBANK PLANTS A-1,B-1,B-6,C-1
Alias Type: Alternate Name
Alias Name: SAN FERNANDO VALLEY, BURBANK OU
Alias Type: Alternate Name
Alias Name: 2466011908
Alias Type: APN
Alias Name: CAD008255283
Alias Type: EPA Identification Number
Alias Name: 110001200094
Alias Type: EPA (FRS #)
Alias Name: 300426

LOCKHEED AIRCRAFT CORPORATION (Continued) **S103646938**

Alias Type: Project Code (Site Code)
Alias Name: 19370189
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/10/1982
Comments: Facility identified: LA Chamber of Commerce Dir 1963-64; mfg aircraft, missiles. On 1981 map.

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

Name: LOCKHEED AERONAUTICAL SYSTEMS CO.
Address: 2555 N. HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
Facility ID: 71002158
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 Chatsworth
Assembly: 43
Senate: 25
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.20028
Longitude: -118.3510
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008255283
Alias Type: EPA Identification Number
Alias Name: 110001200094
Alias Type: EPA (FRS #)
Alias Name: 71002158
Alias Type: Envirostor ID Number

LOCKHEED AIRCRAFT CORPORATION (Continued) **S103646938**

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:	LOCKHEED PLANT A-1 NORTH
Address:	2555 N. HOLLYWOOD WAY.
City,State,Zip:	BURBANK, CA
Region:	STATE
Facility Status:	**Open - Eligible for Closure**
Status Date:	09/27/2016
Global Id:	SL603798649
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.195182
Longitude:	-118.348014
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	104.5152
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	An SVE system operated at the site from 2003 - 2008 and removed approximately 28,000 lbs of VOCs, particularly PCE. Historical metals investigation data shows CrVI was removed during remedial excavation activities. This site is being reviewed for a soils-only closure. No monitoring wells are located on site.

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	LOCKHEED PLANT A-1 NORTH
Address:	2555 N. HOLLYWOOD WAY.
City,State,Zip:	BURBANK, CA
Site ID:	250641
CERS ID:	SL603798649
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Anita FANG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported

LOCKHEED AIRCRAFT CORPORATION (Continued) **S103646938**

Affiliation Address:	320 West 4th Street, Suite 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766730

O71 **LOCKHEED PLANT A-1** **CA LUST** **S101582663**
NNE **2555 HOLLYWOOD WY N** **CA SWEEPS UST** **N/A**
1/8-1/4 **BURBANK, CA 91520** **CA FID UST**
0.193 mi. **CA LOS ANGELES CO. HMS**
1019 ft. **Site 10 of 15 in cluster O** **CA WIP**
CA CERS

Relative:
Higher

Actual:
679 ft.

LUST:

Name:	LOCKHEED PLANT A-1
Address:	2555 HOLLYWOOD WY N
City,State,Zip:	BURBANK, CA 91520
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702542
Global Id:	T0603702542
Latitude:	34.200284
Longitude:	-118.351085
Status:	Completed - Case Closed
Status Date:	05/01/1994
Case Worker:	YR
RB Case Number:	915200016
Local Agency:	BURBANK, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	* Solvents
Site History:	Not reported

LUST:

Global Id:	T0603702542
Contact Type:	Local Agency Caseworker
Contact Name:	JORGE MARTINEZ
Organization Name:	BURBANK, CITY OF
Address:	311 E ORANGE GROVE AVE
City:	BURBANK
Email:	jmartinez@ci.burbank.ca.us
Phone Number:	Not reported

Global Id:	T0603702542
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603702542
Action Type:	Other

LOCKHEED PLANT A-1 (Continued) **S101582663**

Date: 11/18/1983
Action: Leak Reported

LUST:
Global Id: T0603702542
Status: Open - Case Begin Date
Status Date: 11/18/1983

Global Id: T0603702542
Status: Open - Site Assessment
Status Date: 09/28/1987

Global Id: T0603702542
Status: Completed - Case Closed
Status Date: 05/01/1994

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 915200016
Status: Case Closed
Substance: Solvents
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Specific tank leak that has contaminated an aquifer used for drinking water
Abatement Method Used at the Site: Not reported
Global ID: T0603702542
W Global ID: Not reported
Staff: UNK
Local Agency: 19007
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 11/18/1983
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 3/13/1989
Date the Case was Closed: 5/1/1994
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: FAEDER, EDWARD J.
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1387.57507094398729570253307 91
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 9/28/1987
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported

LOCKHEED PLANT A-1 (Continued) **S101582663**

Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: LOCKHEED AERONAUTICAL SYSTEMS
RP Address: PO BOX 551, BURBANK, CA 91520
Program: LUST
Lat/Long: 34.1954171 / -1
Local Agency Staff: DB
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: THIS CASE WAS INITIATED BY RWQCB. SITE ASSESSMENT IS IN PROGRESS. AB-1803 UNIT 2 IS HANDLING.

SWEEPS UST:
Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9780
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-03-91
Action Date: 04-03-91
Created Date: 06-30-89
Owner Tank Id: A-1-B
SWRCB Tank Id: 19-007-009780-000001
Tank Status: A
Capacity: 6800
Active Date: 04-03-91
Tank Use: CHEMICAL
STG: W
Content: SPENT DEVELO
Number Of Tanks: 14

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9780
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-03-91
Action Date: 04-03-91
Created Date: 06-30-89
Owner Tank Id: A-1-F8
SWRCB Tank Id: 19-007-009780-000002
Tank Status: A
Capacity: 12000

LOCKHEED PLANT A-1 (Continued) **S101582663**

Active Date: 04-03-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9780
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-03-91
Action Date: 04-03-91
Created Date: 06-30-89
Owner Tank Id: A-A-F9
SWRCB Tank Id: 19-007-009780-000003
Tank Status: A
Capacity: 12000
Active Date: 04-03-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9780
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-03-91
Action Date: 04-03-91
Created Date: 06-30-89
Owner Tank Id: A-1-F10
SWRCB Tank Id: 19-007-009780-000004
Tank Status: A
Capacity: 12000
Active Date: 04-03-91
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9780
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-03-91
Action Date: 04-03-91
Created Date: 06-30-89
Owner Tank Id: A-1-N

LOCKHEED PLANT A-1 (Continued) **S101582663**

SWRCB Tank Id: 19-007-009780-000010
Tank Status: A
Capacity: 12000
Active Date: 04-03-91
Tank Use: CHEMICAL
STG: P
Content: PERCHLOROETH
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9780
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-03-91
Action Date: 04-03-91
Created Date: 06-30-89
Owner Tank Id: A-1-F2
SWRCB Tank Id: 19-007-009780-000012
Tank Status: A
Capacity: 10000
Active Date: 04-03-91
Tank Use: PETROLEUM
STG: P
Content: DIESEL #2
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9780
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-03-91
Action Date: 04-03-91
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-009780-000018
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9780
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-03-91

LOCKHEED PLANT A-1 (Continued) **S101582663**

Action Date:	04-03-91
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-007-009780-000019
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Name:	BURBANK PLANT A-1
Address:	2555 N HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	9780
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-03-91
Action Date:	04-03-91
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-007-009780-000020
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Name:	BURBANK PLANT A-1
Address:	2555 N HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	9780
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-03-91
Action Date:	04-03-91
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-007-009780-000021
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	Not reported

Name:	BURBANK PLANT A-1
Address:	2555 N HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	9780

LOCKHEED PLANT A-1 (Continued) **S101582663**

Number: 1
Board Of Equalization: Not reported
Referral Date: 04-03-91
Action Date: 04-03-91
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-009780-000022
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9780
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-03-91
Action Date: 04-03-91
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-009780-000023
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9780
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-03-91
Action Date: 04-03-91
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-009780-000024
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY

LOCKHEED PLANT A-1 (Continued) **S101582663**

City: BURBANK
Status: Active
Comp Number: 9780
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-03-91
Action Date: 04-03-91
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-009780-000025
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9780
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: 19-007-009780-000005
Tank Status: Not reported
Capacity: 300
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 11

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9780
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: 19-007-009780-000006
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

LOCKHEED PLANT A-1 (Continued) **S101582663**

Name:	BURBANK PLANT A-1
Address:	2555 N HOLLYWOOD WAY
City:	BURBANK
Status:	Not reported
Comp Number:	9780
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:	19-007-009780-000007
Tank Status:	Not reported
Capacity:	150
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	BURBANK PLANT A-1
Address:	2555 N HOLLYWOOD WAY
City:	BURBANK
Status:	Not reported
Comp Number:	9780
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:	19-007-009780-000008
Tank Status:	Not reported
Capacity:	130
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	BURBANK PLANT A-1
Address:	2555 N HOLLYWOOD WAY
City:	BURBANK
Status:	Not reported
Comp Number:	9780
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:	19-007-009780-000009
Tank Status:	Not reported
Capacity:	30000
Active Date:	Not reported
Tank Use:	PETROLEUM
STG:	PRODUCT

LOCKHEED PLANT A-1 (Continued) **S101582663**

Content: DIESEL #2
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9780
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: 19-007-009780-000011
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: PRODUCT
Content: MOTOR OIL
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9780
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: 19-007-009780-000013
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: PETROLEUM
STG: PRODUCT
Content: DIESEL #2
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9780
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: 19-007-009780-000014
Tank Status: Not reported
Capacity: 6000

LOCKHEED PLANT A-1 (Continued) **S101582663**

Active Date: Not reported
Tank Use: CHEMICAL
STG: WASTE
Content: SOFTENER BRI
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9780
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: 19-007-009780-000015
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: CHEMICAL
STG: WASTE
Content: PENETRATE IN
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9780
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: 19-007-009780-000016
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: OIL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

Name: BURBANK PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9780
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

LOCKHEED PLANT A-1 (Continued) **S101582663**

SWRCB Tank Id: 19-007-009780-000017
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: CHEMICAL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 19000989
Regulated By: UTNKA
Regulated ID: 00046944
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: BURBANK 91505
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

LOS ANGELES CO. HMS:
Name: LOCKHEED CALIFORNIA-PLANT A-1
Address: 2555 N HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91504
Region: LA
Permit Category: T
Facility Id: 009933-009780
Facility Type: 0
Facility Status: Removed
Area: 3E
Permit Number: 00001079T
Permit Status: Removed

WIP:
Name: LOCKHEED PLANT A-1 NORTH
Address: 2555 N Hollywood Way
City,State,Zip: BURBANK, CA
Region: 4
File Number: 104.5152
File Status: Active
Staff: ACARLOS
Facility Suite: Not reported

CERS:
Name: LOCKHEED PLANT A-1
Address: 2555 HOLLYWOOD WY N
City,State,Zip: BURBANK, CA 91520

LOCKHEED PLANT A-1 (Continued) **S101582663**

Site ID: 251588
CERS ID: T0603702542
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JORGE MARTINEZ - BURBANK, CITY OF
Entity Title: Not reported
Affiliation Address: 311 E ORANGE GROVE AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

O72 **LOCKHEED CAL. COMPANY PLANT A1** **SEMS-ARCHIVE 1015732629**
NNE **2555 N. HOLLYWOOD WAY** **RCRA NonGen / NLR CAD008255283**
1/8-1/4 **BURBANK, CA 91520**
0.193 mi.
1019 ft. **Site 11 of 15 in cluster O**

Relative: Higher
Actual: 679 ft.

SEMS Archive:
Site ID: 0903859
EPA ID: CAD008255283
Name: LOCKHEED CAL. COMPANY PLANT A1
Address: 2555 N. HOLLYWOOD WAY
Address 2: Not reported
City,State,Zip: BURBANK, CA 91520
Cong District: Not reported
FIPS Code: 06037
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: 0903859
EPA ID: CAD008255283
Site Name: LOCKHEED CAL. COMPANY PLANT A1
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1992-11-02 05:00:00
Qual: Not reported

LOCKHEED CAL. COMPANY PLANT A1 (Continued) **1015732629**

Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0903859
EPA ID: CAD008255283
Site Name: LOCKHEED CAL. COMPANY PLANT A1
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: Not reported
Finish Date: 1991-02-04 05:00:00
Qual: N
Current Action Lead: St Perf

Region: 09
Site ID: 0903859
EPA ID: CAD008255283
Site Name: LOCKHEED CAL. COMPANY PLANT A1
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1991-02-04 05:00:00
Qual: H
Current Action Lead: St Perf

Region: 09
Site ID: 0903859
EPA ID: CAD008255283
Site Name: LOCKHEED CAL. COMPANY PLANT A1
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1990-02-02 05:00:00
Finish Date: 1990-02-02 05:00:00
Qual: Not reported
Current Action Lead: St Perf

RCRA NonGen / NLR:
Date form received by agency: 2002-02-18 00:00:00.0
Facility name: LOCKHEED MARTIN CORPORATION
Site name: LOCKHEED MARTIN PLANT A-1 NORTH
Facility address: 2555 N HOLLYWOOD WY
BURBANK, CA 91505
EPA ID: CAD008255283
Mailing address: 2550 N HOLLYWOOD WY STE 301
BURBANK, CA 91505

LOCKHEED CAL. COMPANY PLANT A1 (Continued) **1015732629**

Contact:	GENE S MATSUSHITA
Contact address:	Not reported
	Not reported
Contact country:	US
Contact telephone:	818-847-0197
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

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:	2002-02-18 00:00:00.0
Site name:	LOCKHEED MARTIN PLANT A-1 NORTH
Classification:	Large Quantity Generator
Date form received by agency:	2000-10-12 00:00:00.0
Site name:	LOCKHEED MARTIN PLANT A-1
Classification:	Large Quantity Generator
Date form received by agency:	1995-04-26 00:00:00.0
Site name:	LOCKHEED MARTIN CORP
Classification:	Large Quantity Generator
Date form received by agency:	1992-03-31 00:00:00.0
Site name:	LOCKHEED ADVANCED DEVELOPMENT COMPANY
Classification:	Large Quantity Generator
Date form received by agency:	1990-04-16 00:00:00.0
Site name:	LOCKHEED AERONAUTICAL SYSTEMS COMPANY
Classification:	Large Quantity Generator
Date form received by agency:	1982-07-23 00:00:00.0
Site name:	LOCKHEED MARTIN CORPORATION
Classification:	Not a generator, verified

Facility Has Received Notices of Violations:

Regulation violated:	FR - 268.7
Area of violation:	LDR - General

LOCKHEED CAL. COMPANY PLANT A1 (Continued) **1015732629**

Date violation determined: 1990-03-14 00:00:00.0
Date achieved compliance: 1990-05-23 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1990-04-25 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 - 262.50-60
Area of violation: Generators - General
Date violation determined: 1990-03-14 00:00:00.0
Date achieved compliance: 1990-05-23 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1990-04-25 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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 1985-02-20 00:00:00.0
Date achieved compliance: 1985-03-01 00:00:00.0
Violation lead agency: State
Enforcement action: NON-FINANCIAL RECORD REVIEW
Enforcement action date: 1985-02-20 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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 1985-01-17 00:00:00.0
Date achieved compliance: 1985-03-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1985-02-11 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: 1990-03-14 00:00:00.0
Evaluation: WRITTEN INFORMAL

LOCKHEED CAL. COMPANY PLANT A1 (Continued) **1015732629**

Area of violation: LDR - General
Date achieved compliance: 1990-05-23 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 1990-03-14 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: Generators - General
Date achieved compliance: 1990-05-23 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 1985-02-20 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: Generators - General
Date achieved compliance: 1985-03-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1985-01-17 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: Generators - General
Date achieved compliance: 1985-03-01 00:00:00.0
Evaluation lead agency: State

O73 **LOCKHEED-BURBANK PLANTS A-1, B-1, B-6 & C-1** **CA BOND EXP. PLAN** **S100833478**
NNE **2555 NO. HOLLYWOOD WAY** **N/A**
1/8-1/4 **BURBANK, CA 91520**
0.193 mi.
1019 ft. **Site 12 of 15 in cluster O**

Relative: Higher

Actual: 679 ft.

CA BOND EXP. PLAN:
Reponsible Party: RWQCB REFERRAL SITE
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: The PRP is providing for the remediation of the site under RWQCB lead and will pay all costs associated with site cleanup. There are no current plans for expenditure of Bond funds for the site.
Site Description: The site is the location of an aircraft manufacturing facility constructed in the late 1930's and early 1940's. Operational activities include aircraft research, manufacturing and maintenance. Hazardous materials which are used at the facility include plating solutions, acids, fuels, and solvents.
Hazardous Waste Desc: The facility overlies the San Fernando Valley Ground Water Basin. Analysis of monitoring wells on the facility and downgradient has revealed contamination of the ground water by perchloroethylene (PCE) and trichloroethylene (TCE). Concentrations of PCE vary from approximately 20 to 12,000 parts per billion (ppb) and from approximately 20 to 1,600 ppb for TCE. Other compounds detected at low levels are acetone, chloroform, methyl ethyl ketone, chlorobenzene, ethylbenzene, and benzene.
Threat To Public Health & Env: The contaminated aquifer is a major source of drinking water for the city. Wells downgradient have been shut down due to contamination from this or other sources. If the contamination migrates further offsite, additional wells may become contaminated, thus leading to a reduction in water quality and potential long-term loss of water supply.
Site Activity Status: The potentially responsible party (PRP) has installed ground water monitoring wells and is currently working under the direction of the Regional Water Quality Control Board to determine the nature and extent of the contamination.

O74 **LOCKHEED PLANT A-1-F** **CA LUST** **S103945706**
NNE **2555 HOLLYWOOD WY** **CA ENF** **N/A**
1/8-1/4 **BURBANK, CA 91520** **CA HIST CORTESE**
0.193 mi. **CA NPDES**
1019 ft. **Site 13 of 15 in cluster O** **CA CIWQS**
CA CERS

Relative:
Higher

Actual:
679 ft.

LUST:

Name:	LOCKHEED PLANT A-1-F
Address:	2555 HOLLYWOOD WY
City,State,Zip:	BURBANK, CA 91520
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700080
Global Id:	T0603700080
Latitude:	34.200284
Longitude:	-118.351085
Status:	Completed - Case Closed
Status Date:	05/01/1994
Case Worker:	YR
RB Case Number:	052489-05
Local Agency:	BURBANK, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0603700080
Contact Type:	Local Agency Caseworker
Contact Name:	JORGE MARTINEZ
Organization Name:	BURBANK, CITY OF
Address:	311 E ORANGE GROVE AVE
City:	BURBANK
Email:	jmartinez@ci.burbank.ca.us
Phone Number:	Not reported

Global Id:	T0603700080
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603700080
Action Type:	Other
Date:	12/20/1988
Action:	Leak Discovery

Global Id:	T0603700080
Action Type:	Other
Date:	12/20/1988
Action:	Leak Stopped

Global Id:	T0603700080

LOCKHEED PLANT A-1-F (Continued) **S103945706**

Action Type: Other
Date: 12/20/1988
Action: Leak Reported

LUST:
Global Id: T0603700080
Status: Open - Case Begin Date
Status Date: 12/20/1988

Global Id: T0603700080
Status: Open - Site Assessment
Status Date: 05/24/1989

Global Id: T0603700080
Status: Completed - Case Closed
Status Date: 05/01/1994

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 052489-05
Status: Case Closed
Substance: Diesel
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Specific tank leak that has contaminated an aquifer used for drinking water
Abatement Method Used at the Site: Not reported
Global ID: T0603700080
W Global ID: Not reported
Staff: UNK
Local Agency: 19007
Cross Street: ONTARIO
Enforcement Type: Not reported
Date Leak Discovered: 12/20/1988
Date Leak First Reported: 12/20/1988
Date Leak Record Entered: Not reported
Date Confirmation Began: Not reported
Date Leak Stopped: 12/20/1988
Date Case Last Changed on Database: 6/30/1994
Date the Case was Closed: 5/1/1994
How Leak Discovered: Subsurface Monitoring
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: Piping
Operator: LOCKHEED
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1387.57507094398729570253307 91
Source of Cleanup Funding: Piping
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 5/24/1989
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported

LOCKHEED PLANT A-1-F (Continued) **S103945706**

Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: LOCKHEED
RP Address: 2555 N HOLLYWOOD WY, BURBANK, CA 91520
Program: LUST
Lat/Long: 34.1954171 / -1
Local Agency Staff: DB
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: THERE ARE 8 TANKS REPORTED AT THIS SITE. THEY ARE: B1F1(DIESEL), A-1-F2(DIESEL), A-1-F3(DIESEL), A-1-F8(UNLEADED GAS), A-1-F9(UNLEADED GAS), A-1-F10(DIESEL), A-1-N(PCE), B-1-H(COOLANT)

ENF:
Name: LOCKHEED PLANT A-1 NORTH
Address: 2555 HOLLYWOOD WAY
City,State,Zip: BURBANK, CA
Region: 4
Facility Id: 238490
Agency Name: Lockheed Martin Corp
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: Not reported
SIC Desc 1: Not reported
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: Not reported
Threat To Water Quality: Not reported
Complexity: Not reported
Pretreatment: Not reported
Facility Waste Type: Not reported

LOCKHEED PLANT A-1-F (Continued) **S103945706**

Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1045152
Reg Measure Id:	152213
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	225991
Region:	4
Order / Resolution Number:	R4-1987-0161
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	12/17/1987
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	CAO 87-161 - 4WIP1045152
Description:	Not reported
Program:	WIP
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

LOCKHEED PLANT A-1-F (Continued) **S103945706**

Name:	LOCKHEED PLANT A-1 NORTH
Address:	2555 HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA
Region:	4
Facility Id:	238490
Agency Name:	Lockheed Martin Corp
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:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1045152
Reg Measure Id:	152213
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported

LOCKHEED PLANT A-1-F (Continued) **S103945706**

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:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	221258
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	11/29/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/29/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1045152
Description:	Not reported
Program:	WIP
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

HIST CORTESE:

edr_fname:	LOCKHEED PLANT A-1
edr_fadd1:	2555 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91520
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	915200016

NPDES:

Name:	BUILD RITC
Address:	2555 NORTH HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505
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:	4 19C363716
Regulatory Measure Type:	Construction
Program Type:	Not reported

LOCKHEED PLANT A-1-F (Continued) **S103945706**

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:	12/02/2014
Operator Name:	Burbank Glendale Pasadena Airport Authority
Operator Address:	2627 North Hollywood Way
Operator City:	Burbank
Operator State:	California
Operator Zip:	91505

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	427164
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	4 19C363716
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	11/14/2014
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/18/2012
Processed Date:	05/24/2012
Status:	Terminated
Status Date:	12/02/2014
Place Size:	26.5
Place Size Unit:	Acres
Contact:	Randall Duncan
Contact Title:	Program Director
Contact Phone:	818-847-0475
Contact Phone Ext:	Not reported
Contact Email:	randall.duncan@stvinc.com
Operator Name:	Burbank Glendale Pasadena Airport Authority
Operator Address:	2627 North Hollywood Way
Operator City:	Burbank
Operator State:	California
Operator Zip:	91505
Operator Contact:	Dan Feger
Operator Contact Title:	Executive Director
Operator Contact Phone:	818-840-8840
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	dfeger@bur.org

LOCKHEED PLANT A-1-F (Continued) **S103945706**

Operator Type:	Government Agency Combination
Developer:	McCarthy
Developer Address:	20401 SW Birch Street
Developer City:	Newport Beach
Developer State:	California
Developer Zip:	92660
Developer Contact:	Rob Ragland
Developer Contact Title:	Project Manager
Constype Linear Utility Ind:	N
Emergency Phone:	213-435-3928
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:	Y
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported
Certifier:	John Tschudin
Certifier Title:	Sr. Construction Manager
Certification Date:	18-MAY-12
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	BUILD RITC
Address:	2555 NORTH HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505
Agency:	Burbank Glendale Pasadena Airport Authority
Agency Address:	2627 North Hollywood Way, Burbank, CA 91505
Place/Project Type:	Construction - Commercial, Transportation
SIC/NAICS:	Not reported
Region:	4
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	4 19C363716
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	05/24/2012
Termination Date:	11/14/2014
Expiration/Review Date:	Not reported
Design Flow:	Not reported

LOCKHEED PLANT A-1-F (Continued) **S103945706**

Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.19639
Longitude: -118.35417

CERS:
Name: LOCKHEED PLANT A-1-F
Address: 2555 HOLLYWOOD WY
City,State,Zip: BURBANK, CA 91520
Site ID: 241065
CERS ID: T0603700080
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JORGE MARTINEZ - BURBANK, CITY OF
Entity Title: Not reported
Affiliation Address: 311 E ORANGE GROVE AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

O75 **LOCKHEED-CALIFORNIA COMPANY** **CA HIST UST** **1000270317**
NNE **2555 NO HOLLYWOOD WAY PLANT** **N/A**
1/8-1/4 **BURBANK, CA 91520**
0.193 mi.
1019 ft. **Site 14 of 15 in cluster O**

Relative:
Higher

Actual:
679 ft.

HIST UST:
Name: LOCKHEED-CALIFORNIA COMPANY
Address: 2555 NO HOLLYWOOD WAY PLANT
City,State,Zip: BURBANK, CA 91520
File Number: 00027608
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027608.pdf
Region: STATE
Facility ID: 00000046944
Facility Type: Other
Other Type: AIRCRAFT MFG
Contact Name: CONTACT MAINTENANCE
Telephone: 8188475144
Owner Name: LOCKHEED CORPORATION
Owner Address: 2555 NO. HOLLYWOOD WAY

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Owner City,St,Zip:	BURBANK, CA 91520
Total Tanks:	0161
Tank Num:	001
Container Num:	20
Year Installed:	1970
Tank Capacity:	00000100
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	21
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	22
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	23
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	005
Container Num:	24
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	006
Container Num:	25
Year Installed:	1945
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Num:	007
Container Num:	26
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	008
Container Num:	27
Year Installed:	1952
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	009
Container Num:	28
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	010
Container Num:	29
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	011
Container Num:	30
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	012
Container Num:	31
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	013
Container Num:	32
Year Installed:	Not reported

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	014
Container Num:	2
Year Installed:	1969
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well, None

Tank Num:	015
Container Num:	3
Year Installed:	1969
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well, None

Tank Num:	016
Container Num:	4
Year Installed:	1969
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well, None

Tank Num:	017
Container Num:	5
Year Installed:	1968
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well, None, 10

Tank Num:	018
Container Num:	1
Year Installed:	1941
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	019
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 020
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00020000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 021
Container Num: 4
Year Installed: Not reported
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 022
Container Num: 5
Year Installed: 1954
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 023
Container Num: 6
Year Installed: 1972
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 024
Container Num: 7
Year Installed: 1980
Tank Capacity: 00006800
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 025
Container Num: 8
Year Installed: 1979
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Num:	026
Container Num:	9
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	027
Container Num:	10
Year Installed:	1972
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	028
Container Num:	11
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	029
Container Num:	12
Year Installed:	1963
Tank Capacity:	00008000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	030
Container Num:	13
Year Installed:	Not reported
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	031
Container Num:	14
Year Installed:	1980
Tank Capacity:	00000385
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	032
Container Num:	15
Year Installed:	1943

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	033
Container Num:	16
Year Installed:	1945
Tank Capacity:	00000300
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	034
Container Num:	17
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	035
Container Num:	18
Year Installed:	1960
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	036
Container Num:	19
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	037
Container Num:	F1
Year Installed:	Not reported
Tank Capacity:	00015000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	038
Container Num:	F2
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 039
Container Num: P-2-A
Year Installed: Not reported
Tank Capacity: 00001200
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 040
Container Num: 1
Year Installed: 1969
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Vapor Sniff Well, None

Tank Num: 041
Container Num: 6
Year Installed: 1968
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Vapor Sniff Well, None, 10

Tank Num: 042
Container Num: 7
Year Installed: 1981
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Vapor Sniff Well, None, 10

Tank Num: 043
Container Num: 8
Year Installed: 1968
Tank Capacity: 00003000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Vapor Sniff Well, None, 10

Tank Num: 044
Container Num: 9
Year Installed: 1968
Tank Capacity: 00001250
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Vapor Sniff Well, None, 10

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Num:	045
Container Num:	10
Year Installed:	1968
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	046
Container Num:	11
Year Installed:	1968
Tank Capacity:	00001250
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well

Tank Num:	047
Container Num:	12
Year Installed:	1968
Tank Capacity:	00001250
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well

Tank Num:	048
Container Num:	13
Year Installed:	1968
Tank Capacity:	00001300
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well

Tank Num:	049
Container Num:	14
Year Installed:	1968
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Vapor Sniff Well

Tank Num:	050
Container Num:	15
Year Installed:	1978
Tank Capacity:	00001250
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	051
Container Num:	16
Year Installed:	1968

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	052
Container Num:	17
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	053
Container Num:	13
Year Installed:	1945
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	054
Container Num:	14
Year Installed:	1945
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	055
Container Num:	15
Year Installed:	1945
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	056
Container Num:	16
Year Installed:	1945
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	057
Container Num:	17
Year Installed:	1945
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 058
Container Num: 18
Year Installed: 1945
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 059
Container Num: 19
Year Installed: 1945
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 060
Container Num: 20
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 061
Container Num: 21
Year Installed: Not reported
Tank Capacity: 00000300
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 062
Container Num: 22
Year Installed: Not reported
Tank Capacity: 00000300
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 063
Container Num: 23
Year Installed: Not reported
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Num:	064
Container Num:	24
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	065
Container Num:	25
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	066
Container Num:	26
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	067
Container Num:	27
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	068
Container Num:	28
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	069
Container Num:	29
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	070
Container Num:	30
Year Installed:	1945

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	071
Container Num:	31
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	072
Container Num:	32
Year Installed:	1974
Tank Capacity:	00010000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	073
Container Num:	33
Year Installed:	1979
Tank Capacity:	00005000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	074
Container Num:	34
Year Installed:	1981
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	075
Container Num:	35
Year Installed:	1981
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	076
Container Num:	36
Year Installed:	1981
Tank Capacity:	00003000
Tank Used for:	WASTE
Type of Fuel:	Not reported

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 077
Container Num: 37
Year Installed: 1950
Tank Capacity: 00001500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 078
Container Num: 38
Year Installed: 1950
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Tank Num: 079
Container Num: 39
Year Installed: 1957
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 080
Container Num: 40
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 081
Container Num: 41
Year Installed: 1957
Tank Capacity: 00000300
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 082
Container Num: 42
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Num:	083
Container Num:	43
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	084
Container Num:	44
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	085
Container Num:	45
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	086
Container Num:	46
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	087
Container Num:	47
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	088
Container Num:	48
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	089
Container Num:	1
Year Installed:	1957

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	090
Container Num:	2
Year Installed:	1945
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	091
Container Num:	3
Year Installed:	1945
Tank Capacity:	00002500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	092
Container Num:	4
Year Installed:	1979
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	093
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	094
Container Num:	6
Year Installed:	Not reported
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	095
Container Num:	7
Year Installed:	Not reported
Tank Capacity:	00015000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 096
Container Num: 8
Year Installed: 1944
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 097
Container Num: 9
Year Installed: 1944
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 098
Container Num: 10
Year Installed: 1944
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 099
Container Num: 11
Year Installed: 1945
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 100
Container Num: 12
Year Installed: 1945
Tank Capacity: 00002500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 101
Container Num: 49
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Num:	102
Container Num:	50
Year Installed:	Not reported
Tank Capacity:	00000400
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	103
Container Num:	51
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	104
Container Num:	1
Year Installed:	1920
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	105
Container Num:	27
Year Installed:	1970
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	106
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00020000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	107
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00020000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	108
Container Num:	3
Year Installed:	Not reported

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	109
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	110
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00007500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	111
Container Num:	6
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	112
Container Num:	7
Year Installed:	1958
Tank Capacity:	00001500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	113
Container Num:	8
Year Installed:	1977
Tank Capacity:	00005000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	114
Container Num:	9
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 115
Container Num: 10
Year Installed: Not reported
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 116
Container Num: 11
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 117
Container Num: 12
Year Installed: 1979
Tank Capacity: 00000133
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 118
Container Num: 13
Year Installed: 1979
Tank Capacity: 00000720
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 119
Container Num: 14
Year Installed: 1969
Tank Capacity: 00002500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 120
Container Num: 15
Year Installed: 1969
Tank Capacity: 00002500
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Num:	121
Container Num:	16
Year Installed:	1969
Tank Capacity:	00002500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	122
Container Num:	17
Year Installed:	1969
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	123
Container Num:	18
Year Installed:	1980
Tank Capacity:	00004400
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	124
Container Num:	19
Year Installed:	1980
Tank Capacity:	00004400
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	125
Container Num:	20
Year Installed:	1942
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	126
Container Num:	21
Year Installed:	1980
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	127
Container Num:	22
Year Installed:	1980

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	128
Container Num:	23
Year Installed:	Not reported
Tank Capacity:	00001250
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	129
Container Num:	24
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	130
Container Num:	25
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	131
Container Num:	26
Year Installed:	1968
Tank Capacity:	00001500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	132
Container Num:	28
Year Installed:	1982
Tank Capacity:	00001250
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	133
Container Num:	29
Year Installed:	1981
Tank Capacity:	00001250
Tank Used for:	WASTE
Type of Fuel:	Not reported

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 134
Container Num: 30
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 135
Container Num: 31
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 136
Container Num: 32
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 137
Container Num: 33
Year Installed: Not reported
Tank Capacity: 00000050
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 138
Container Num: 34
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 139
Container Num: 35
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Num:	140
Container Num:	36
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	141
Container Num:	37
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	142
Container Num:	38
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	143
Container Num:	39
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	144
Container Num:	40
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	145
Container Num:	41
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	146
Container Num:	42
Year Installed:	Not reported

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	147
Container Num:	43
Year Installed:	1978
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	148
Container Num:	44
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	149
Container Num:	45
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	150
Container Num:	46
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	151
Container Num:	47
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	152
Container Num:	48
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 153
Container Num: 49
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 154
Container Num: 50
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 155
Container Num: 51
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 156
Container Num: 52
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 157
Container Num: 53
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 158
Container Num: 54
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

LOCKHEED-CALIFORNIA COMPANY (Continued) **1000270317**

Tank Num: 159
Container Num: 55
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 160
Container Num: 56
Year Installed: 1980
Tank Capacity: 00010000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 161
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

M76 **ASSURED TRANSPORT & DELIVERY** **CA LOS ANGELES CO. HMS** **S104828058**
East **3210 VALHALLA DR** **CA WIP** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.194 mi.
1026 ft. **Site 4 of 4 in cluster M**

Relative:
Lower

Actual:
659 ft.

LOS ANGELES CO. HMS:
Name: ASSURED TRANSPORT & DELIVERY
Address: 3210 VALHALLA DR
City,State,Zip: BURBANK, CA 91505
Region: LA
Permit Category: Not reported
Facility Id: 025953-035439
Facility Type: Not reported
Facility Status: OPEN
Area: 3E
Permit Number: Not reported
Permit Status: Not reported

WIP:
Name: HANNA CAR WASH SYSTEMS
Address: 3210 Valhalla Dr
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0522
File Status: Historical
Staff: YRONG
Facility Suite: Not reported

77
SE
1/8-1/4
0.202 mi.
1067 ft.

Relative:
Lower

Actual:
653 ft.

EI DUPONT DENEMOURS & CO
3300 PACIFIC AVE
BURBANK, CA 91505

Database(s): RCRA-SQG, CA CPS-SLIC, FINDS, ECHO, CA HAZNET, CA WIP, CA CERS, CA HWTS

EDR ID Number: 1000473071
EPA ID Number: CAD982445215

RCRA-SQG:

Date form received by agency:	1996-09-01 00:00:00.0
Facility name:	EI DUPONT DENEMOURS & CO
Facility address:	3300 PACIFIC AVE BURBANK, CA 91505
EPA ID:	CAD982445215
Mailing address:	PACIFIC AVE BURBANK, CA 91505
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:	EI DUPONT DENEMOURS & CO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

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

EI DUPONT DENEMOURS & CO (Continued) **1000473071**

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

CPS-SLIC:

Name:	E.I.DUPONT DE NEMOURS & CO.INC
Address:	3300 PACIFIC AVE.
City,State,Zip:	BURBANK, CA 91505
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/23/2014
Global Id:	SL603798636
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1876762568612
Longitude:	-118.346110259277
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	104.1193
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

FINDS:

Registry ID:	110002814438
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002814438

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.

EI DUPONT DENEMOURS & CO (Continued) **1000473071**

ECHO:

Envid:	1000473071
Registry ID:	110002814438
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002814438
Name:	EI DUPONT DENEMOURS & CO
Address:	3300 PACIFIC AVE
City,State,Zip:	BURBANK, CA 91505

HAZNET:

Name:	EI DUPONT DENEMOURS & CO
Address:	3300 PACIFIC AVE
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915050000
Contact:	NON-DELIVERABLE PER 95 FEES-PH
Telephone:	4155551212
Mailing Name:	Not reported
Mailing Address:	3300 PACIFIC AVE
Year:	1993
Gepaid:	CAD982445215
TSD EPA ID:	CAD008302903
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	R01 - Recycler
Tons:	0.05
Year:	1993
Gepaid:	CAD982445215
TSD EPA ID:	CAT000646117
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	D99 - Disposal, Other
Tons:	0.4378
Year:	1993
Gepaid:	CAD982445215
TSD EPA ID:	CAT000646117
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	D80 - Disposal, Land Fill
Tons:	0.04

Additional Info:

Year:	1993
Gen EPA ID:	CAD982445215
Shipment Date:	19930524
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930524
Manifest ID:	92667521
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

EI DUPONT DENEMOURS & CO (Continued) **1000473071**

CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	0.05
Waste Quantity:	12
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:	19930524
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930528
Manifest ID:	92667522
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	CAD008302903
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:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
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
Shipment Date:	19930524
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930528
Manifest ID:	92667522
Trans EPA ID:	ILD099202681
Trans Name:	Not reported
Trans 2 EPA ID:	CAD008302903
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:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Disposal Method:	D99 - Disposal, Other
Quantity Tons:	0.4378
Waste Quantity:	105
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

EI DUPONT DENEMOURS & CO (Continued) **1000473071**

Additional Code 4: Not reported
Additional Code 5: Not reported

WIP:
Name: E.I.DUPONT DE NEMOURS & CO.INC
Address: 3300 Pacific Ave
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.1193
File Status: Backlog
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: E.I.DUPONT DE NEMOURS & CO.INC
Address: 3300 PACIFIC AVE.
City,State,Zip: BURBANK, CA 91505
Site ID: 252292
CERS ID: SL603798636
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: EI DUPONT DENEMOURS & CO
Address: 3300 PACIFIC AVE
Address 2: Not reported
City,State,Zip: BURBANK, CA 915050000
EPA ID: CAD982445215
Inactive Date: 06/30/1995
Create Date: 04/29/1991
Last Act Date: 07/10/2001
Mailing Name: Not reported
Mailing Address: 3300 PACIFIC AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: BURBANK, CA 915050000
Owner Name: EI DUPONT DENEMOURS & CO
Owner Address: NOT REQUIRED
Owner Address 2: Not reported
Owner City,State,Zip: NOT REQUIRED, ME 999990000
Contact Name: NON-DELIVERABLE PER 95 FEES-PH
Contact Address: NOT REQUIRED
Contact Address 2: Not reported
City,State,Zip: NOT REQUIRED, ME 999990000

O78 **LOCKHEED PLANT B-1** **CA LUST** **S100228028**
NNE **17505 VICTORY PL** **CA HIST CORTESE** **N/A**
1/8-1/4 **BURBANK, CA 91520** **CA CERS**
0.211 mi.
1116 ft. **Site 15 of 15 in cluster O**

Relative:
Higher

Actual:
680 ft.

LUST:

Name:	LOCKHEED PLANT B-1
Address:	17505 VICTORY PL
City,State,Zip:	BURBANK, CA 91520
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702544
Global Id:	T0603702544
Latitude:	34.1948261
Longitude:	-118.3489281
Status:	Completed - Case Closed
Status Date:	06/29/1995
Case Worker:	YR
RB Case Number:	915200034
Local Agency:	BURBANK, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	* Solvents
Site History:	Not reported

LUST:

Global Id:	T0603702544
Contact Type:	Local Agency Caseworker
Contact Name:	JORGE MARTINEZ
Organization Name:	BURBANK, CITY OF
Address:	311 E ORANGE GROVE AVE
City:	BURBANK
Email:	jmartinez@ci.burbank.ca.us
Phone Number:	Not reported

Global Id:	T0603702544
Contact Type:	Regional Board Caseworker
Contact Name:	YUE RONG
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	Los Angeles
Email:	yrong@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0603702544
Action Type:	Other
Date:	11/18/1983
Action:	Leak Reported

LUST:

Global Id:	T0603702544
Status:	Open - Case Begin Date
Status Date:	11/18/1983

Global Id:	T0603702544
Status:	Open - Site Assessment

LOCKHEED PLANT B-1 (Continued) **S100228028**

Status Date: 02/17/1989

Global Id: T0603702544
Status: Open - Remediation
Status Date: 03/13/1989

Global Id: T0603702544
Status: Completed - Case Closed
Status Date: 06/29/1995

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 915200034A
Status: Leak being confirmed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603702545
W Global ID: Not reported
Staff: MB
Local Agency: 19007
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 2/23/2000
Date Leak Record Entered: Not reported
Date Confirmation Began: 2/23/2000
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 3/29/2000
Date the Case was Closed: Not reported
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2607.942750660762340485338 6538
Source of Cleanup Funding: Not reported
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported

LOCKHEED PLANT B-1 (Continued) **S100228028**

Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	BLANK RP
RP Address:	Not reported
Program:	LUST
Lat/Long:	34.18435 / -1
Local Agency Staff:	DB
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported
Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	915200034
Status:	Case Closed
Substance:	Solvents
Substance Quantity:	Not reported
Local Case No:	Not reported
Case Type:	Specific tank leak that has contaminated an aquifer used for drinking water
Abatement Method Used at the Site:	Not reported
Global ID:	T0603702544
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19007
Cross Street:	Not reported
Enforcement Type:	Not reported
Date Leak Discovered:	Not reported
Date Leak First Reported:	11/18/1983
Date Leak Record Entered:	12/31/1986
Date Confirmation Began:	Not reported
Date Leak Stopped:	Not reported
Date Case Last Changed on Database:	3/13/1989
Date the Case was Closed:	6/29/1995
How Leak Discovered:	Not reported
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Operator:	FAEDER, EDWARD J.
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	1169.3778512509587727493677 32
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	2/17/1989
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	3/13/1989
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported

LOCKHEED PLANT B-1 (Continued) **S100228028**

GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: LOCKHEED AERONAUTICAL SYSTEMS
RP Address: PO BOX 551, BURBANK, CA 91520
Program: LUST
Lat/Long: 34.1948261 / -1
Local Agency Staff: DB
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: THIS CASE WAS INITIATED BY RWQCB. SOIL AND GROUNDWATER CLEANUP UNDERWAY. AB-1803 UNIT 2 IS HANDLING OLD CASE #915200034

HIST CORTESE:
edr_fname: LOCKHEED PLANT B-1
edr_fadd1: 17505 VICTORY
City,State,Zip: BURBANK, CA 91520
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 915200034

edr_fname: LOCKHEED PLANT B-1
edr_fadd1: 17505 VICTORY
City,State,Zip: BURBANK, CA 91520
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 915200034A

CERS:
Name: LOCKHEED PLANT B-1
Address: 17505 VICTORY PL
City,State,Zip: BURBANK, CA 91520
Site ID: 220393
CERS ID: T0603702544
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JORGE MARTINEZ - BURBANK, CITY OF
Entity Title: Not reported

LOCKHEED PLANT B-1 (Continued) **S100228028**

Affiliation Address:	311 E ORANGE GROVE AVE
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

P79 **DELUXE MEDIA** **RCRA-SQG** **1014950729**
SSE **2130 HOLLYWOOD WAY** **CAR000227785**
1/8-1/4 **BURBANK, CA 91505**
0.213 mi.
1127 ft. **Site 2 of 3 in cluster P**

Relative: **Lower**

Actual: **653 ft.**

RCRA-SQG:

Date form received by agency:	2012-08-14 00:00:00.0
Facility name:	DELUXE MEDIA
Facility address:	2130 HOLLYWOOD WAY BURBANK, CA 91505
EPA ID:	CAR000227785
Contact:	BEAU N MOFFATT
Contact address:	2130 HOLLYWOOD WAY BURBANK, CA 91505
Contact country:	US
Contact telephone:	818-689-9003
Contact email:	BEAU.MOFFATT@BYDELUXE.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	ASCENT MEDIA
Owner/operator address:	2901 ALAMEDA STE 800 BURBANK, CA 91505
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2010-01-01 00:00:00.
Owner/Op end date:	Not reported
Owner/operator name:	BEAU MOFFATT
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

DELUXE MEDIA (Continued) **1014950729**

Owner/Operator Type: Operator
Owner/Op start date: 2011-12-01 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
Used oil transporter: No

Hazardous Waste Summary:

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

P80 **MODE O'DAY** **CA WIP** **S106764504**
SSE **2130 HOLLYWOOD WAY** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.213 mi.
1127 ft. **Site 3 of 3 in cluster P**

Relative:
Lower

Actual:
653 ft.

WIP:
Name: MODE O'DAY
Address: 2130 Hollywood Way
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0746
File Status: Historical
Staff: LM
Facility Suite: Not reported

Q81 **DISC GRAPHICS** **RCRA-SQG** **1001959810**
East **3116 VANOWEN ST** **ICIS** **CAR000064667**
1/8-1/4 **BURBANK, CA 91505** **US AIRS**
0.220 mi. **FINDS**
1162 ft. **Site 1 of 3 in cluster Q** **CA EMI**
CA LOS ANGELES CO. HMS
Relative: **CA WIP**
Lower **CA CERS**

Actual:
662 ft.

RCRA-SQG:

Date form received by agency:	2000-01-20 00:00:00.0
Facility name:	DISC GRAPHICS
Facility address:	3116 VANOWEN ST BURBANK, CA 91505
EPA ID:	CAR000064667
Contact:	ROY WILSON
Contact address:	3116 VANOWEN ST BURBANK, CA 91505
Contact country:	US
Contact telephone:	818-841-8683
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:	DISC GRAPHICS INC
Owner/operator address:	10 GILPIN AVE HAUPPAUGE, NY 11787
Owner/operator country:	Not reported
Owner/operator telephone:	818-841-8683
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

DISC GRAPHICS (Continued) **1001959810**

Used oil transporter: No

Historical Generators:
Date form received by agency: 2000-01-20 00:00:00.0
Site name: DISC GRAPHICS
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

ICIS:
Enforcement Action ID: CASCAA000006037CJ44900013
FRS ID: 110001189785
Action Name: DISC GRAPHICS INC 06037CJ44900013
Facility Name: DISC GRAPHICS INC
Facility Address: 3116 VANOWEN ST
BURBANK, CA 91505
Enforcement Action Type: Administrative Order
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 2752
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.19111
Longitude in Decimal Degrees: -118.34549
Permit Type Desc: Not reported
Program System Acronym: CASCA00006037CJ449
Facility NAICS Code: 323114
Tribal Land Code: Not reported

Enforcement Action ID: CASCAA000006037CJ44900012
FRS ID: 110001189785
Action Name: DISC GRAPHICS INC 06037CJ44900012
Facility Name: DISC GRAPHICS INC
Facility Address: 3116 VANOWEN ST
BURBANK, CA 91505
Enforcement Action Type: Notice of Violation
Facility County: LOS ANGELES
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 2752
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.19111
Longitude in Decimal Degrees: -118.34549
Permit Type Desc: Not reported
Program System Acronym: CASCA00006037CJ449
Facility NAICS Code: 323114
Tribal Land Code: Not reported

DISC GRAPHICS (Continued) **1001959810**

US AIRS MINOR:
Envid: 1001959810
Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
D and B Number: Not reported
Primary SIC Code: 2752
NAICS Code: 323114
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-06-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-07-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-02-28 00:00:00

DISC GRAPHICS (Continued) **1001959810**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-04-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-02-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-08-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR

DISC GRAPHICS (Continued) **1001959810**

Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2007-03-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: Not reported
Activity Status Date: 2003-01-10 00:00:00
Activity Group: Case File
Activity Type: Case File
Activity Status: Resolved

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 1997-09-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 1998-07-31 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 1999-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09

DISC GRAPHICS (Continued) **1001959810**

Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2000-10-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2002-08-08 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2002-09-29 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2002-09-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-02-26 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

DISC GRAPHICS (Continued) **1001959810**

Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-09-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-09-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2004-02-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2004-06-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2004-07-14 00:00:00

DISC GRAPHICS (Continued) **1001959810**

Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2005-02-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2005-04-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2006-02-21 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2006-08-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR

DISC GRAPHICS (Continued) **1001959810**

Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2007-02-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2007-03-23 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2002-10-24 00:00:00
Activity Status Date: 2002-10-24 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ449
Facility Registry ID: 110001189785
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2002-08-08 00:00:00
Activity Status Date: 2002-08-08 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

FINDS:
Registry ID: 110001189785
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110001189785

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants.

DISC GRAPHICS (Continued) **1001959810**

AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR EMISSIONS CLASSIFICATION UNKNOWN
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.
AIR MINOR

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

EMI:

Name:	POINTILLE INC, MODERN OF CALIF
Address:	3116 VANOWEN STREET
City,State,Zip:	BURBANK, CA 915050000
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	68834
Air District Name:	SC
SIC Code:	2752
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:	20
Reactive Organic Gases Tons/Yr:	20
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	POINTILLE INC
Address:	3116 VANOWEN ST
City,State,Zip:	BURBANK, CA 915050000
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	68834
Air District Name:	SC
SIC Code:	2752
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:	10
Reactive Organic Gases Tons/Yr:	9
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

DISC GRAPHICS (Continued) **1001959810**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: POINTILLE INC
Address: 3116 VANOWEN ST
City,State,Zip: BURBANK, CA 915050000
Year: 1996
County Code: 19
Air Basin: SC
Facility ID: 68834
Air District Name: SC
SIC Code: 2752
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: 12
Reactive Organic Gases Tons/Yr: 12
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: DISC GRAPHICS, INC
Address: 3116 VANOWEN ST
City,State,Zip: BURBANK, CA 915050000
Year: 1997
County Code: 19
Air Basin: SC
Facility ID: 109497
Air District Name: SC
SIC Code: 2752
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 11
Reactive Organic Gases Tons/Yr: 11
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: DISC GRAPHICS, INC
Address: 3116 VANOWEN ST
City,State,Zip: BURBANK, CA 915050000
Year: 1998
County Code: 19
Air Basin: SC
Facility ID: 109497
Air District Name: SC
SIC Code: 2752
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

DISC GRAPHICS (Continued) **1001959810**

Reactive Organic Gases Tons/Yr:	11
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:	DISC GRAPHICS, INC
Address:	3116 VANOWEN ST
City,State,Zip:	BURBANK, CA 915050000
Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	109497
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	11
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:	DISC GRAPHICS, INC
Address:	3116 VANOWEN ST
City,State,Zip:	BURBANK, CA 915050000
Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	109497
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	11
Reactive Organic Gases Tons/Yr:	11
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:	DISC GRAPHICS, INC
Address:	3116 VANOWEN ST
City,State,Zip:	BURBANK, CA 915050000
Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	109497
Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD

DISC GRAPHICS (Continued) **1001959810**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
Reactive Organic Gases Tons/Yr:	8
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DISC GRAPHICS, INC
Address:	3116 VANOWEN ST
City,State,Zip:	BURBANK, CA 915050000
Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	109497
Air District Name:	SC
SIC Code:	2752
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:	10
Reactive Organic Gases Tons/Yr:	10
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:	DISC GRAPHICS, INC
Address:	3116 VANOWEN ST
City,State,Zip:	BURBANK, CA 915050000
Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	109497
Air District Name:	SC
SIC Code:	2752
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:	10
Reactive Organic Gases Tons/Yr:	10
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:	DISC GRAPHICS, INC
Address:	3116 VANOWEN ST
City,State,Zip:	BURBANK, CA 915050000
Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	109497

DISC GRAPHICS (Continued) **1001959810**

Air District Name:	SC
SIC Code:	2752
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9.8001643
Reactive Organic Gases Tons/Yr:	9.8
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	DISC GRAPHICS, INC
Address:	3116 VANOWEN ST
City,State,Zip:	BURBANK, CA 915050000
Year:	2005
County Code:	19
Air Basin:	SC
Facility ID:	109497
Air District Name:	SC
SIC Code:	2752
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:	6.037845
Reactive Organic Gases Tons/Yr:	5.813705876
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

LOS ANGELES CO. HMS:

Name:	DISC GRAPHICS INC
Address:	3116 VANOWEN ST
City,State,Zip:	BURBANK, CA 91502
Region:	LA
Permit Category:	Not reported
Facility Id:	025981-035467
Facility Type:	Not reported
Facility Status:	OPEN
Area:	3E
Permit Number:	Not reported
Permit Status:	Not reported

WIP:

Name:	MODERN ALBUM OF CALIF.
Address:	3116 Vanowen St
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.0747
File Status:	**Historical**
Staff:	YRONG
Facility Suite:	Not reported

DISC GRAPHICS (Continued) **1001959810**

CERS:

Name:	DISC GRAPHICS INC
Address:	3116 VANOWEN ST
City,State,Zip:	BURBANK, CA 91505-1237
Site ID:	464690
CERS ID:	110001189785
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	ROY WILSON
Entity Title:	Not reported
Affiliation Address:	3116 VANOWEN ST
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

82
SSE
1/8-1/4
0.244 mi.
1287 ft.

LOCKHEED AERONAUTICAL SYSTEMS COMPANY **RCRA NonGen / NLR** **1000270335**
U20 2130 N HOLLYWOOD WAY **CAD982503880**
BURBANK, CA 91505

Relative:
Lower

Actual:
652 ft.

RCRA NonGen / NLR:

Date form received by agency:	1992-11-23 00:00:00.0
Facility name:	LOCKHEED AERONAUTICAL SYSTEMS COMPANY
Facility address:	U20 2130 N HOLLYWOOD WAY BURBANK, CA 91505
EPA ID:	CAD982503880
Mailing address:	P O BOX 551 DEPT 38-15 BURBANK, CA 91520
Contact:	ENVIRONMENTAL MANAGER
Contact address:	U20 2130 N HOLLYWOOD WAY BURBANK, CA 91505
Contact country:	US
Contact telephone:	818-847-5980
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:	LOCKHEED 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

LOCKHEED AERONAUTICAL SYSTEMS COMPANY (Continued) **1000270335**

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

Handler Activities Summary:

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

Violation Status: No violations found

R83 **LOCKHEED CORP./ENV SYSTEMS & TECH** **CA ENVIROSTOR** **S110494012**
NNE **2550 N. HOLLYWOOD WAY #305** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.245 mi.
1294 ft. **Site 1 of 2 in cluster R**

Relative: **Higher**

Actual: **678 ft.**

ENVIROSTOR:

Name:	LOCKHEED CORP./ENV SYSTEMS & TECH
Address:	2550 N. HOLLYWOOD WAY #305
City,State,Zip:	BURBANK, CA 91505
Facility ID:	71002403
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 Chatsworth
Assembly:	Not reported
Senate:	Not reported
Special Program:	Not reported

LOCKHEED CORP./ENV SYSTEMS & TECH (Continued) **S110494012**

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.19499
Longitude: -118.3480
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD045256187
Alias Type: EPA Identification Number
Alias Name: 110000609547
Alias Type: EPA (FRS #)
Alias Name: 71002403
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

R84 **US HEALTHWORKS MEDICAL GROUP** **RCRA NonGen / NLR** **1024858619**
NNE **2550 N HOLLYWOOD WAY STE 100** **CAL000424959**
1/8-1/4 **BURBANK, CA 91505**
0.245 mi.
1294 ft. **Site 2 of 2 in cluster R**

Relative:
Higher

Actual:
678 ft.

RCRA NonGen / NLR:
Date form received by agency: 2017-02-15 00:00:00.0
Facility name: US HEALTHWORKS MEDICAL GROUP
Facility address: 2550 N HOLLYWOOD WAY STE 100
BURBANK, CA 91505-5015
EPA ID: CAL000424959
Contact: NANCY EMERSON
Contact address: 2550 N HOLLYWOOD WAY STE 100
BURBANK, CA 91505-5015
Contact country: Not reported
Contact telephone: 818-524-3730
Contact email: NANCY.EMERSON@USHWORKS.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NANCY EMERSON

US HEALTHWORKS MEDICAL GROUP (Continued) **1024858619**

Owner/operator address: 2550 N HOLLYWOOD WAY STE 100
BURBANK, CA 91505
Owner/operator country: Not reported
Owner/operator telephone: 818-524-3730
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: US HEALTHWORKS MEDICAL GROUP
Owner/operator address: 26124 SPRINGBROOK #200
VALENCIA, CA 91355
Owner/operator country: Not reported
Owner/operator telephone: 661-678-2600
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: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

S85 **AIRCRAFT GOVERNOR INC.** **CA WIP** **S103658171**
WNW **4110 VANOWEN PL** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.246 mi.
1297 ft. **Site 1 of 4 in cluster S**

Relative:
Higher

Actual:
688 ft.

WIP:
Name: AIRCRAFT GOVERNOR INC.
Address: 4110 Vanowen Pl
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0053
File Status: Historical
Staff: MPS

AIRCRAFT GOVERNOR INC. (Continued) **S103658171**

Facility Suite: Not reported

S86 **FORTIN LAMINATING CORP** **RCRA NonGen / NLR** **1000412287**
WNW **4114 VANOWEN PL** **FINDS** **CAT080013303**
1/8-1/4 **BURBANK, CA 91505** **ECHO**
0.247 mi. **CA EMI**
1306 ft. **Site 2 of 4 in cluster S**

Relative: Higher

Actual: 688 ft.

RCRA NonGen / NLR:

Date form received by agency:	1980-11-19 00:00:00.0
Facility name:	FORTIN LAMINATING CORP
Facility address:	4114 VANOWEN PL BURBANK, CA 91505
EPA ID:	CAT080013303
Mailing address:	PO BOX 471 SYLMAR, CA 91342
Contact:	ENVIRONMENTAL MANAGER
Contact address:	4114 VANOWEN PL BURBANK, CA 91505
Contact country:	US
Contact telephone:	213-845-3793
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:	FORTIN LAMINATING 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

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

FORTIN LAMINATING CORP (Continued) **1000412287**

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: 110002946117
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002946117

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:	1000412287
Registry ID:	110002946117
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002946117
Name:	FORTIN LAMINATING CORP
Address:	4114 VANOWEN PL
City,State,Zip:	BURBANK, CA 91505

EMI:

Name:	FORTIN LAMINATING CORP
Address:	4114 VANOWEN PL
City,State,Zip:	BURBANK, CA 91343
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	10793
Air District Name:	SC
SIC Code:	3079
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	13
Reactive Organic Gases Tons/Yr:	5
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

FORTIN LAMINATING CORP (Continued) **1000412287**

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

S87 **FORTING LAMINATING CORP.** **CA WIP** **S106764453**
WNW **4114 VANOWEN PL** **N/A**
1/8-1/4 **BURBANK, CA 91505**
0.247 mi.
1306 ft. **Site 3 of 4 in cluster S**

Relative:
Higher

Actual:
688 ft.

WIP:

Name:	FORTING LAMINATING CORP.
Address:	4114 Vanowen Pl
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.0447
File Status:	**Historical**
Staff:	MPS
Facility Suite:	Not reported

Q88 **U.S. LABEL CORP.** **CA CPS-SLIC** **S106484427**
East **3100 W. VANOWEN ST** **CA WIP** **N/A**
1/8-1/4 **BURBANK, CA 91505** **CA CERS**
0.248 mi.
1308 ft. **Site 2 of 3 in cluster Q**

Relative:
Lower

Actual:
660 ft.

CPS-SLIC:

Name:	U.S. LABEL CORP.
Address:	3100 W.. VANOWEN ST.
City,State,Zip:	BURBANK, CA 91505
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/19/2014
Global Id:	SL603798597
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1906249215576
Longitude:	-118.344827029188
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	104.0153
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	U.S. LABEL CORP.
Address:	3100 W. Vanowen St
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.0153
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

U.S. LABEL CORP. (Continued) **S106484427**

CERS:
- Name: U.S. LABEL CORP.
- Address: 3100 W.. VANOWEN ST.
- City,State,Zip: BURBANK, CA 91505
- Site ID: 252862
- CERS ID: SL603798597
- CERS Description: Cleanup Program Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
- Entity Title: Not reported
- Affiliation Address: 320 W. 4TH ST., SUITE 200
- Affiliation City: LOS ANGELES
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

Q89 **US LABEL CORP** **RCRA NonGen / NLR** **1024791334**
East **3100 W VAN OWEN ST** **CAL000104440**
1/8-1/4 **BURBANK, CA 91505**
0.248 mi.
1308 ft. **Site 3 of 3 in cluster Q**

Relative:
Lower

Actual:
660 ft.

RCRA NonGen / NLR:
- Date form received by agency: 1997-06-27 00:00:00.0
- Facility name: US LABEL CORP
- Facility address: 3100 W VAN OWEN ST
  BURBANK, CA 91505-1237
- EPA ID: CAL000104440
- Mailing address: 3100 W VANOWEN ST
  BURBANK, CA 91505-1237
- Contact: DANIEL RODRIQUEZ
- Contact address: 3100 W VANOWEN ST
  BURBANK, CA 91505
- Contact country: Not reported
- Contact telephone: 818-558-3703
- Contact email: JOHN@USLABELCORP.COM
- EPA Region: 09
- Classification: Non-Generator
- Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
- Owner/operator name: DANIEL RODRIQUEZ
- Owner/operator address: 3100 W VANOWEN ST
  BURBANK, CA 91505
- Owner/operator country: Not reported
- Owner/operator telephone: 818-558-3703
- 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

US LABEL CORP (Continued) **1024791334**

Owner/operator name: JOHN TOROCSIK
Owner/operator address: 3100 W VANOWEN ST
BURBANK, CA 91505
Owner/operator country: Not reported
Owner/operator telephone: 818-558-3703
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: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

T90 **BICO, INC.** **CA CERS HAZ WASTE** **S104913100**
East **3116 VALHALLA DR** **CA LOS ANGELES CO. HMS** **N/A**
1/8-1/4 **BURBANK, CA 91505** **CA WIP**
0.248 mi.
1312 ft. **Site 1 of 2 in cluster T**

Relative:
Lower

Actual:
656 ft.

CERS HAZ WASTE:
Name: BICO INC
Address: 3116 VALHALLA DR
City,State,Zip: BURBANK, CA 91504
Site ID: 98547
CERS ID: 10229929
CERS Description: Hazardous Waste Generator

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-10-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-02-2014
Violations Found: No

BICO, INC. (Continued) **S104913100**

Eval Type: Routine done by local agency
Eval Notes: Inspection by K. Kacmar and D. King, no violations, can be taken out of the CUPA program (under thresholds)
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-10-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTED BY J. KEEGAN CONSENT GIVEN BY LISA DEPALMA
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-10-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Lisa DePalma
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Identification Signer
Entity Name: LISA DE PALMA
Entity Title: GENERAL 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: LISA DE PALMA
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: (818) 842-7170

Affiliation Type Desc: Parent Corporation
Entity Name: BICO 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: Environmental Contact

BICO, INC. (Continued) **S104913100**

Entity Name:	LISA DE PALMA
Entity Title:	Not reported
Affiliation Address:	3116 VALHALLA DR
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91504
Affiliation Phone:	Not reported
Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles County Fire
Entity Title:	Not reported
Affiliation Address:	5825 Rickenbacker Road
Affiliation City:	Commerce
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90040-3027
Affiliation Phone:	(323) 890-4045
Affiliation Type Desc:	Document Preparer
Entity Name:	LISA DE PALMA
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:	3116 VALHALLA DR
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91504
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	ROBERT DEPALMA
Entity Title:	Not reported
Affiliation Address:	3116 VALHALLA DR
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91505
Affiliation Phone:	(818) 842-7170
Affiliation Type Desc:	Property Owner
Entity Name:	ROBERT DE PALMA
Entity Title:	Not reported
Affiliation Address:	3116 VALHALLA DR
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91504

BICO, INC. (Continued) **S104913100**

Affiliation Phone: (818) 842-7170

LOS ANGELES CO. HMS:
Name: BICO INC
Address: 3116 VALHALLA DR
City,State,Zip: BURBANK, CA 91505
Region: LA
Permit Category: Not reported
Facility Id: 025948-035434
Facility Type: Not reported
Facility Status: OPEN
Area: 3E
Permit Number: Not reported
Permit Status: Not reported

WIP:
Name: BICO, INC.
Address: 3116 Valhalla Dr
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0188
File Status: Historical
Staff: YRONG
Facility Suite: Not reported

S91 **WOODPECKERS INC** **CA LOS ANGELES CO. HMS** **S104828081**
WNW **4111 VANOWEN PL** **CA WIP** **N/A**
1/8-1/4 **BURBANK, CA 91502**
0.249 mi.
1315 ft. **Site 4 of 4 in cluster S**

Relative: Higher

Actual: 689 ft.

LOS ANGELES CO. HMS:
Name: WOODPECKERS INC
Address: 4111 VANOWEN PL
City,State,Zip: BURBANK, CA 91502
Region: LA
Permit Category: Not reported
Facility Id: 025986-035472
Facility Type: Not reported
Facility Status: OPEN
Area: 3E
Permit Number: Not reported
Permit Status: Not reported

WIP:
Name: HOSPITALITY CONSTRUCTION CORP.
Address: 4111 Vanowen Pl
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.0560
File Status: Historical
Staff: LM
Facility Suite: Not reported

T92 **THE PATRICK TATOPOULOS DESIGNS** **CA CPS-SLIC** **S106484437**
ESE **1951 ONTARIO ST** **CA WIP** **N/A**
1/4-1/2 **BURBANK, CA 91505** **CA CERS**
0.251 mi.
1323 ft. **Site 2 of 2 in cluster T**

Relative:
Lower

Actual:
656 ft.

CPS-SLIC:

Name:	THE PATRICK TATOPOULOS DESIGNS
Address:	1951 ONTARIO ST.
City,State,Zip:	BURBANK, CA 91505
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/25/1995
Global Id:	SL603798608
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1900635735381
Longitude:	-118.344854985458
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	104.0463
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	THE PATRICK TATOPOULOS DESIGNS
Address:	1951 Ontario St
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.0463
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CERS:

Name:	THE PATRICK TATOPOULOS DESIGNS
Address:	1951 ONTARIO ST.
City,State,Zip:	BURBANK, CA 91505
Site ID:	189059
CERS ID:	SL603798608
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

93
NNE
1/4-1/2
0.295 mi.
1555 ft.

BOB HOPE
2627 HOLLYWOOD WAY
BURBANK, CA 93455

CA SWEEPS UST
CA NON-CASE INFO
CA PFAS

S103980940
N/A

Relative:
Higher

Actual:
685 ft.

SWEEPS UST:

Name:	BURBANK GLENDALE PASADENA AIRPORT
Address:	2627 HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	9060
Number:	9
Board Of Equalization:	Not reported
Referral Date:	12-05-90
Action Date:	12-05-90
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-007-009060-000002
Tank Status:	A
Capacity:	Not reported
Active Date:	06-30-89
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	1

Name:	BURBANK GLENDALE PASADENA AIRPORT
Address:	2627 HOLLYWOOD WAY
City:	BURBANK
Status:	Not reported
Comp Number:	9060
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:	19-007-009060-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	JET FUEL
Number Of Tanks:	1

NON-CASE INFO:

Name:	BOB HOPE
Address:	2627 HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 93455
Global ID:	T10000012771
Case Type:	Non-Case Information
Status:	Pending Review
Status Date:	03/11/2019
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	NLA
Local Agency:	Not reported
RB Case Number:	Not reported

BOB HOPE (Continued) **S103980940**

Loc Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Per- and Polyfluoroalkyl Substances (PFAS)
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	2019-03-11 00:00:00
How Discovered:	Not reported
How Discovered Description:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
Latitude:	34.19666
Longitude:	-118.35395
Geotracker:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012771

PFAS:

Name:	BOB HOPE
Address:	2627 HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 93455
Envirostor ID:	Not reported
Program Type:	Non-Case Information
Status:	Pending Review
Status Date:	03/11/2019
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	T10000012771
Facility Region:	Not reported
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case worker:	NLA
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Per- and Polyfluoroalkyl Substances (PFAS)
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	03/11/2019
RB Case Number:	Not reported
source_type:	Geotracker
Latitude:	34.19666
Longitude:	-118.35395
Geo Tracker URL:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000012771

U94 **SIERRACIN-HARRISON** **CA CPS-SLIC 1006834661**
East **3020 EMPIRE** **CA EMI N/A**
1/4-1/2 **BURBANK, CA 91504** **CA ENF**
0.304 mi. **CA WIP**
1607 ft. **Site 1 of 3 in cluster U** **CA CERS**

Relative:
Lower

Actual:
657 ft.

CPS-SLIC:

Name:	SIERRACIN-HARRISON
Address:	3020 EMPIRE AVE.
City,State,Zip:	BURBANK, CA 91504
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	10/29/2014
Global Id:	SL603798623
Lead Agency:	LOS ANGELES RWQCB (REGION 4)

SIERRACIN-HARRISON (Continued) **1006834661**

Lead Agency Case Number:	Not reported
Latitude:	34.191768
Longitude:	-118.342532
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	104.0986
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

EMI:

Name:	SIERRACIN-HARRISON
Address:	3020 EMPIRE AV
City,State,Zip:	BURBANK, CA 91504
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	25479
Air District Name:	SC
SIC Code:	3444
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	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

Name:	SIERRACIN-HARRISON
Address:	3020 EMPIRE AV
City,State,Zip:	BURBANK, CA 91504
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	25479
Air District Name:	SC
SIC Code:	3599
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

Name:	SIERRACIN-HARRISON
Address:	3020 EMPIRE AVE

SIERRACIN-HARRISON (Continued) **1006834661**

City,State,Zip:	BURBANK, CA 91504
Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	25479
Air District Name:	SC
SIC Code:	3599
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:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	SIERRACIN-HARRISON
Address:	3020 EMPIRE AVE
City,State,Zip:	BURBANK, CA 91504
Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	25479
Air District Name:	SC
SIC Code:	3599
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:	1
Part. Matter 10 Micrometers and Smllr Tons/Yr:	1

Name:	SIERRACIN-HARRISON
Address:	3020 EMPIRE AVE
City,State,Zip:	BURBANK, CA 91504
Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	25479
Air District Name:	SC
SIC Code:	3599
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:	0.0136773
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.00035
NOX - Oxides of Nitrogen Tons/Yr:	0.0013
SOX - Oxides of Sulphur Tons/Yr:	0.0000083
Particulate Matter Tons/Yr:	0.65566896
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.56

SIERRACIN-HARRISON (Continued) **1006834661**

ENF:

Name:	SIERRACIN-HARRISON
Address:	3020 EMPIRE
City,State,Zip:	BURBANK, CA 91504
Region:	4
Facility Id:	257003
Agency Name:	Sierracin-Harrison
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.191969
Place Longitude:	-118.344088
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1040986
Reg Measure Id:	157249
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported

SIERRACIN-HARRISON (Continued) **1006834661**

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:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	221031
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	11/09/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/09/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1040986
Description:	Not reported
Program:	WIP
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

WIP:

Name:	SIERRACIN-HARRISON
Address:	3020 Empire Ave
City,State,Zip:	BURBANK, CA 91504
Region:	4
File Number:	104.0986
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CERS:

Name:	SIERRACIN-HARRISON
Address:	3020 EMPIRE AVE
City,State,Zip:	BURBANK, CA 91504-3109
Site ID:	465801
CERS ID:	110020516725
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Public Contact
Entity Name:	PAUL BOGENSCHNEIDER
Entity Title:	Not reported
Affiliation Address:	Not reported

SIERRACIN-HARRISON (Continued) **1006834661**

Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU LOS ANGELES RWQCB REGN 4TH
Entity Title: Not reported
Affiliation Address: 320 W 4TH ST NA SUITE 200
Affiliation City: LOSANGELES
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: SIERRACIN-HARRISON
Address: 3020 EMPIRE AVE.
City,State,Zip: BURBANK, CA 91504
Site ID: 258276
CERS ID: SL603798623
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

U95 **MEL BERNIE & COMPANY, INC DBA** **CA ENVIROSTOR** **S103650761**
East **3000 EMPIRE AVE** **CA HIST UST** **N/A**
1/4-1/2 **BURBANK, CA 91504** **CA EMI**
0.330 mi. **CA ENF**
1741 ft. **Site 2 of 3 in cluster U** **CA HAZNET**
CA CERS
Relative: **CA HWTS**
Lower

Actual: **656 ft.**

ENVIROSTOR:
Name: MEL BERNIE & CO., INC.
Address: 3000 EMPIRE AVENUE
City,State,Zip: BURBANK, CA 91504
Facility ID: 71002422
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

MEL BERNIE & COMPANY, INC DBA (Continued) **S103650761**

Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 43
Senate: 25
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.19147
Longitude: -118.3434
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD048476683
Alias Type: EPA Identification Number
Alias Name: 110000782564
Alias Type: EPA (FRS #)
Alias Name: 71002422
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 03/23/2000
Comments: Not reported

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

HIST UST:
Name: ACCESSORY PLATING
Address: 3000 EMPIRE AVENUE
City,State,Zip: BURBANK, CA 91504
File Number: 00027B8B
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027B8B.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

MEL BERNIE & COMPANY, INC DBA (Continued) **S103650761**

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

EMI:

Name:	MEL BERNIE & CO INC
Address:	3000 EMPIRE AV
City,State,Zip:	BURBANK, CA 915040000
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	39478
Air District Name:	SC
SIC Code:	2259
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
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

Name:	MEL BERNIE & CO INC
Address:	3000 EMPIRE AV
City,State,Zip:	BURBANK, CA 915040000
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	39478
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	15
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MEL BERNIE & CO INC
Address:	3000 EMPIRE AV
City,State,Zip:	BURBANK, CA 915040000
Year:	1995
County Code:	19

MEL BERNIE & COMPANY, INC DBA (Continued) **S103650761**

Air Basin:	SC
Facility ID:	39478
Air District Name:	SC
SIC Code:	5088
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MEL BERNIE & CO INC
Address:	3000 EMPIRE AVE
City,State,Zip:	BURBANK, CA 915040000
Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	39478
Air District Name:	SC
SIC Code:	5088
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MEL BERNIE & CO INC
Address:	3000 EMPIRE AV
City,State,Zip:	BURBANK, CA 915040000
Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	39478
Air District Name:	SC
SIC Code:	3961
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MEL BERNIE & CO INC
Address:	3000 EMPIRE AV

MEL BERNIE & COMPANY, INC DBA (Continued) **S103650761**

City,State,Zip:	BURBANK, CA 915040000
Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	39478
Air District Name:	SC
SIC Code:	3961
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

Name:	MEL BERNIE & CO INC
Address:	3000 EMPIRE AV
City,State,Zip:	BURBANK, CA 915040000
Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	39478
Air District Name:	SC
SIC Code:	3961
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MEL BERNIE & CO INC
Address:	3000 EMPIRE AV
City,State,Zip:	BURBANK, CA 915040000
Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	39478
Air District Name:	SC
SIC Code:	3961
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

MEL BERNIE & COMPANY, INC DBA (Continued) **S103650761**

Name:	MEL BERNIE & CO INC
Address:	3000 EMPIRE AV
City,State,Zip:	BURBANK, CA 915040000
Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	39478
Air District Name:	SC
SIC Code:	3961
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MEL BERNIE & CO INC
Address:	3000 EMPIRE AVE
City,State,Zip:	BURBANK, CA 915040000
Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	39478
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	MEL BERNIE & CO INC
Address:	3000 EMPIRE AVE
City,State,Zip:	BURBANK, CA 915040000
Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	39478
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

MEL BERNIE & COMPANY, INC DBA (Continued) **S103650761**

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

Name: MEL BERNIE & CO INC
Address: 3000 EMPIRE AVE
City,State,Zip: BURBANK, CA 915040000
Year: 2004
County Code: 19
Air Basin: SC
Facility ID: 39478
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.602585
Reactive Organic Gases Tons/Yr: 0.53
Carbon Monoxide Emissions Tons/Yr: 0.15
NOX - Oxides of Nitrogen Tons/Yr: 0.178
SOX - Oxides of Sulphur Tons/Yr: 0.00107
Particulate Matter Tons/Yr: 0.014051
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.01

Name: MEL BERNIE & CO INC
Address: 3000 EMPIRE AVE
City,State,Zip: BURBANK, CA 915040000
Year: 2005
County Code: 19
Air Basin: SC
Facility ID: 39478
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: .632015
Reactive Organic Gases Tons/Yr: .562378979
Carbon Monoxide Emissions Tons/Yr: .176
NOX - Oxides of Nitrogen Tons/Yr: .209
SOX - Oxides of Sulphur Tons/Yr: .00125
Particulate Matter Tons/Yr: .017035
Part. Matter 10 Micrometers and Smllr Tons/Yr: .01611565

ENF:
Name: BERNIE & CO. ACCESSORY PLATING
Address: 3000 EMPIRE
City,State,Zip: BURBANK, CA 91504
Region: 4
Facility Id: 209337
Agency Name: Bernie & Co. Accessory Plating
Place Type: Facility
Place Subtype: Not reported
Facility Type: Not reported
Agency Type: Privately-Owned Business
Of Agencies: 1
Place Latitude: 34.191954
Place Longitude: -118.343462

MEL BERNIE & COMPANY, INC DBA (Continued) **S103650761**

SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1040182
Reg Measure Id:	161656
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	226372
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter

MEL BERNIE & COMPANY, INC DBA (Continued) **S103650761**

Effective Date:	11/09/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/09/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1040182
Description:	Not reported
Program:	WIP
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

HAZNET:

Name:	MEL BERNIE & COMPANY, INC DBA
Address:	3000 EMPIRE AVE
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 91504
Contact:	MELVIN BERNIE
Telephone:	8188411928
Mailing Name:	Not reported
Mailing Address:	3000 EMPIRE AVE
Year:	2017
Gepaid:	CAC002897421
TSD EPA ID:	CAD097030993
CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.125

Additional Info:

Year:	2017
Gen EPA ID:	CAC002897421
Shipment Date:	20170223
Creation Date:	5/17/2017 18:31:39
Receipt Date:	20170223
Manifest ID:	014352350JJK
Trans EPA ID:	CAD983613688
Trans Name:	MILES CHEMICAL COMPANY
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	US ECOLOGY VERNON, INC.
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	141 - Off-specification, aged, or surplus inorganics

MEL BERNIE & COMPANY, INC DBA (Continued) **S103650761**

RCRA Code:	D003
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
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

CERS:

Name:	MEL BERNIE & CO INC
Address:	3000 EMPIRE AVE
City,State,Zip:	BURBANK, CA 91504-3109
Site ID:	480033
CERS ID:	110000782564
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Property Owner
Entity Name:	MELVYN J BERNIE
Entity Title:	Not reported
Affiliation Address:	3000 W EMPIRE AVE
Affiliation City:	BURBANK
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	RENE GUARDADO
Entity Title:	OPERATOR
Affiliation Address:	3000 W EMPIRE AVE
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	REMY TOLENTINO
Entity Title:	ENVIRONMENTAL CONTACT
Affiliation Address:	3000 W EMPIRE AVE
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Owner
Entity Name:	MELVYN J BERNIE
Entity Title:	OWNER
Affiliation Address:	3000 W EMPIRE AVE
Affiliation City:	BURBANK
Affiliation State:	CA

MEL BERNIE & COMPANY, INC DBA (Continued) **S103650761**

Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Alex Cruz
Entity Title: Maintenance Manager
Affiliation Address: 3000 W EMPIRE AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: RENE GUARDADO
Entity Title: DIRECTOR OF PRODUCTION
Affiliation Address: 3000 W EMPIRE AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Public Contact
Entity Name: MICHAEL D. GOLAS
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

HWTS:
Name: MEL BERNIE & COMPANY, INC DBA
Address: 3000 EMPIRE AVE
Address 2: Not reported
City,State,Zip: BURBANK, CA 91504
EPA ID: CAC002897421
Inactive Date: 05/17/2017
Create Date: 02/14/2017
Last Act Date: 05/17/2017
Mailing Name: Not reported
Mailing Address: 3000 EMPIRE AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: BURBANK, CA 91504
Owner Name: MEL BERNIE & COMPANY, INC DBA
Owner Address: 3000 EMPIRE AVE
Owner Address 2: Not reported
Owner City,State,Zip: BURBANK, CA 91504
Contact Name: MELVIN BERNIE
Contact Address: 3000 EMPIRE AVE
Contact Address 2: Not reported
City,State,Zip: BURBANK, CA 91504

U96
East
1/4-1/2
0.330 mi.
1744 ft.

Relative:
Lower

Actual:
654 ft.

ACCESSORY PLATING
3000 W EMPIRE AVE
BURBANK, CA 91504

Site 3 of 3 in cluster U

CA CPS-SLIC
CA HIST UST
CA NPDES
CA WDS
CA CIWQS
CA CERS

U001568367
N/A

CPS-SLIC:

Name:	1928 JEWELRY COMPANY
Address:	3000 W.. EMPIRE AVE.
City,State,Zip:	BURBANK, CA 91505
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/23/2014
Global Id:	SL603798599
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.191556749254
Longitude:	-118.343421551664
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	104.0182
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	ACCESSORY PLATING
Address:	3000 W EMPIRE AVE
City,State,Zip:	BURBANK, CA 91504
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000060993
Facility Type:	Other
Other Type:	METAL FINISHING
Contact Name:	ALAN ROODT
Telephone:	8188412910
Owner Name:	MEL BERNIE INC. D.B.A. ACCESSO
Owner Address:	3000 EMPIRE AVE.
Owner City,St,Zip:	BURBANK, CA 91504
Total Tanks:	0003
Tank Num:	001
Container Num:	CN1
Year Installed:	1977
Tank Capacity:	00002000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	8
Leak Detection:	Visual, Pressure Test
Tank Num:	002
Container Num:	CR2
Year Installed:	1977

ACCESSORY PLATING (Continued) **U001568367**

Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 8
Leak Detection: Visual, Pressure Test

Tank Num: 003
Container Num: N3
Year Installed: 1977
Tank Capacity: 00002000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 8
Leak Detection: Visual, Pressure Test

NPDES:
Name: MEL BERNIE CO
Address: 3000 W EMPIRE AVE
City,State,Zip: BURBANK, CA 91504
Facility Status: Active
NPDES Number: CAS000001
Region: 4
Agency Number: 0
Regulatory Measure ID: 188570
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 4 19NEC003149
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/06/1992
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 3000 W Empire Ave
Discharge Name: Mel Bernie Co
Discharge City: Burbank
Discharge State: California
Discharge Zip: 91504
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: 4
Regulatory Measure ID: 188570
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 4 19NEC003149
Program Type: Not reported

ACCESSORY PLATING (Continued) **U001568367**

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:	04/12/2017
Processed Date:	03/06/1992
Status:	Active
Status Date:	04/12/2017
Place Size:	85924
Place Size Unit:	SqFt
Contact:	RENE GUARDADO
Contact Title:	GM
Contact Phone:	818-841-1928
Contact Phone Ext:	Not reported
Contact Email:	RENEG@1928.com
Operator Name:	Mel Bernie Co
Operator Address:	3000 W Empire Ave
Operator City:	Burbank
Operator State:	California
Operator Zip:	91504
Operator Contact:	RENE GUARDADO
Operator Contact Title:	GM
Operator Contact Phone:	818-841-1928
Operator Contact Phone Ext:	1160
Operator Contact Email:	RENEG@1928.COM
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:	818-841-1928
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

ACCESSORY PLATING (Continued) **U001568367**

Dir Discharge Uswater Ind:	N
Receiving Water Name:	Los Angeles River
Certifier:	Melvyn Bernie
Certifier Title:	Owner
Certification Date:	12-APR-17
Primary Sic:	3961-Costume Jewelry and Costume Novelties, Except Precious Metals
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	188570
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19NEC003149
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/06/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Mel Bernie Co
Discharge Address:	3000 W Empire Ave
Discharge City:	Burbank
Discharge State:	California
Discharge Zip:	91504
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

ACCESSORY PLATING (Continued) **U001568367**

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

Name:	MEL BERNIE CO
Address:	3000 W EMPIRE AVE
City,State,Zip:	BURBANK, CA 91504
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:	4 19NEC003149
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:	Active
Status Date:	04/12/2017
Operator Name:	Mel Bernie Co
Operator Address:	3000 W Empire Ave
Operator City:	Burbank
Operator State:	California

ACCESSORY PLATING (Continued) **U001568367**

Operator Zip: 91504

NPDES as of 03/2018:
NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 4
Regulatory Measure ID: 188570
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 4 19NEC003149
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: 04/12/2017
Processed Date: 03/06/1992
Status: Active
Status Date: 04/12/2017
Place Size: 85924
Place Size Unit: SqFt
Contact: RENE GUARDADO
Contact Title: GM
Contact Phone: 818-841-1928
Contact Phone Ext: Not reported
Contact Email: RENEG@1928.com
Operator Name: Mel Bernie Co
Operator Address: 3000 W Empire Ave
Operator City: Burbank
Operator State: California
Operator Zip: 91504
Operator Contact: RENE GUARDADO
Operator Contact Title: GM
Operator Contact Phone: 818-841-1928
Operator Contact Phone Ext: 1160
Operator Contact Email: RENEG@1928.COM
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: 818-841-1928
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

ACCESSORY PLATING (Continued) **U001568367**

Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Los Angeles River
Certifier:	Melvyn Bernie
Certifier Title:	Owner
Certification Date:	12-APR-17
Primary Sic:	3961-Costume Jewelry and Costume Novelties, Except Precious Metals
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	188570
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19NEC003149
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/06/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Mel Bernie Co
Discharge Address:	3000 W Empire Ave
Discharge City:	Burbank
Discharge State:	California
Discharge Zip:	91504
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

ACCESSORY PLATING (Continued) **U001568367**

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

WDS:

Name:	MEL BERNIE & CO INC
Address:	3000 W Empire Ave
City:	BURBANK
Facility ID:	4 19I000238
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:	4

ACCESSORY PLATING (Continued) **U001568367**

Facility Telephone:	8188411928
Facility Contact:	MARK ALLING
Agency Name:	MEL BERNIE & CO INC
Agency Address:	3000 W Empire Ave
Agency City,St,Zip:	Burbank 915043109
Agency Contact:	REMY TOLENTINO
Agency Telephone:	8188411928
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or 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:	MEL BERNIE CO
Address:	3000 W EMPIRE AVE
City,State,Zip:	BURBANK, CA 91504
Agency:	Mel Bernie Co
Agency Address:	3000 W Empire Ave, Burbank, CA 91504
Place/Project Type:	Industrial - Costume Jewelry and Costume Novelties, Except Precious Metals
SIC/NAICS:	3961
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19NEC003149
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	03/06/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported

ACCESSORY PLATING (Continued) **U001568367**

TTWQ: Not reported
Enforcement Actions within 5 years: 2
Violations within 5 years: 2
Latitude: 34.19195
Longitude: -118.34346

CERS:
Name: 1928 JEWELRY COMPANY
Address: 3000 W.. EMPIRE AVE.
City,State,Zip: BURBANK, CA 91505
Site ID: 255909
CERS ID: SL603798599
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: MEL BERNIE CO
Address: 3000 W EMPIRE AVE
City,State,Zip: BURBANK, CA 91504
Site ID: 536693
CERS ID: 240250
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 536693
Site Name: Mel Bernie Co
Violation Date: 07-01-2016
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient Report
Violation Notes: failure to submit stormwater samples
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 536693
Site Name: Mel Bernie Co
Violation Date: 08-14-2015
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Missing annual report 2014-15
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-22-2017

ACCESSORY PLATING (Continued) **U001568367**

Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: The facility meets NEC requirements.
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Enforcement Action:
Site ID: 536693
Site Name: Mel Bernie Co
Site Address: 3000 W EMPIRE AVE
Site City: BURBANK
Site Zip: 91504
Enf Action Date: 05-08-2017
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: NOV for failure to collect stormwater samples
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Site ID: 536693
Site Name: Mel Bernie Co
Site Address: 3000 W EMPIRE AVE
Site City: BURBANK
Site Zip: 91504
Enf Action Date: 12-15-2015
Enf Action Type: Industrial Storm Water Enforcement
Enf Action Description: Industrial Storm Water Enforcement
Enf Action Notes: NNC for failure to submit missing annual report 2014-15
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Mel Bernie Co
Entity Title: Operator
Affiliation Address: 3000 W Empire Ave
Affiliation City: Burbank
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91504
Affiliation Phone: Not reported

V97 **LOCKHEED A-1, B85, LOTS 16,16A** **CA CPS-SLIC S106484456**
NE **3220 W THORTON** **CA WIP N/A**
1/4-1/2 **BURBANK, CA 91505** **CA CERS**
0.331 mi.
1746 ft. **Site 1 of 2 in cluster V**

Relative:
Higher

Actual:
677 ft.

CPS-SLIC:
Name: LOCKHEED A-1, B85, LOTS 16,16A
Address: 3220 W. THORTON
City,State,Zip: BURBANK, CA 91505
Region: STATE

LOCKHEED A-1, B85, LOTS 16,16A (Continued) **S106484456**

Facility Status:	**Open - Site Assessment**
Status Date:	01/03/1990
Global Id:	SL603798630
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.195638920663
Longitude:	-118.345953556974
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	104.1165
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	SVE system operated at this site to remove VOCs.

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	LOCKHEED A-1, B85, LOTS 16,16A
Address:	3220 W Thorton
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.1165
File Status:	**Active**
Staff:	ACARLOS
Facility Suite:	Not reported

CERS:

Name:	LOCKHEED A-1, B85, LOTS 16,16A
Address:	3220 W. THORTON
City,State,Zip:	BURBANK, CA 91505
Site ID:	194539
CERS ID:	SL603798630
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Anita FANG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 West 4th Street, Suite 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766730

V98 **LOCKHEED A-1 EAST, BLDG 90** **CA CPS-SLIC** **S106484475**
NE **3110 W THORNTON AVE** **CA WIP** **N/A**
1/4-1/2 **BURBANK, CA 91505** **CA CERS**
0.341 mi.
1801 ft. **Site 2 of 2 in cluster V**

Relative:
Higher

Actual:
676 ft.

CPS-SLIC:

Name:	LOCKHEED A-1 EAST, BLDG 90
Address:	3110 W. THORNTON AVE.
City,State,Zip:	BURBANK, CA 91505
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/31/2016
Global Id:	SL603798650
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.19555
Longitude:	-118.345438
Case Type:	Cleanup Program Site
Case Worker:	GP
Local Agency:	Not reported
RB Case Number:	104.5153
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Site assessments indicated elevated concentrations of PCE and TCE in the vadose zone in the northwest portion of the site near a former AST. An NFR letter was issued on November 16, 1995 excluding the VOC-contaminated northwest area. An SVE system operated intermittently between 1997 and 2002. PCE, TCE, and 1,1-DCE were significantly reduced compared to baseline concentrations and asymptotic conditions were attained. VLEACH modeling indicated that residual VOCs will not further degrade groundwater quality beneath the site. The Regional Board issued an NFR for soils letter on February 7, 2003. LMC monitors and treats the groundwater in the BOU on an ongoing basis with oversight by USEPA.

Click here to access the California GeoTracker records for this facility:

WIP:

Name:	LOCKHEED A-1 EAST, BLDG 90
Address:	3110 W Thornton Ave
City,State,Zip:	BURBANK, CA 91505
Region:	4
File Number:	104.5153
File Status:	**Historical**
Staff:	ACARLOS
Facility Suite:	Not reported

CERS:

Name:	LOCKHEED A-1 EAST, BLDG 90
Address:	3110 W. THORNTON AVE.
City,State,Zip:	BURBANK, CA 91505
Site ID:	217008
CERS ID:	SL603798650
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker

LOCKHEED A-1 EAST, BLDG 90 (Continued) **S106484475**

Entity Name:	GLORIA PAK - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 West 4th Street, Suite 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766731

99
NNW
1/4-1/2
0.343 mi.
1812 ft.

Relative:
Higher

Actual:
699 ft.

LOCKHEED AIR TERMINAL **CA ENVIROSTOR** **S108196068**
2627 NORTH HOLLYWOOD WAY **CA CHMIRS** **N/A**
BURBANK, CA 91505 **CA ENF**
CA NPDES
CA CIWQS
CA CERS

ENVIROSTOR:

Name:	LOCKHEED AIR TERMINAL
Address:	2627 NORTH HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505
Facility ID:	19450006
Status:	Refer: RWQCB
Status Date:	05/12/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Chatsworth
Assembly:	43
Senate:	25
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.19555
Longitude:	-118.3488
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED ORGANIC COMPOUNDS * HALOGENATED SOLVENTS
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	19450006
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:	04/06/1994
Comments:	File review indicates that the RWQCB is actively working at the site. Department’s involvement is unnecessary.

LOCKHEED AIR TERMINAL (Continued) **S108196068**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 01/26/1988
Comments: SITE SCREENING DONE PAL RECOMMENDED BASED ON LACK OF INFO.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/10/1982
Comments: FACILITY IDENTIFIED LA CHAM COMM 63-64 DIRECT AIRPORT

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

CHMIRS:
Name: Not reported
Address: 2627 HOLLYWOOD WAY
City,State,Zip: BURBANK, CA
OES Incident Number: 13-5637
OES notification: 09/08/2013
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported

LOCKHEED AIR TERMINAL (Continued) **S108196068**

Spill Site:	Road
Cleanup By:	LA County Health Hazmat
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1430
Year:	2013
Agency:	Burbank Hazmat 12
Incident Date:	9/8/2013
Admin Agency:	Burbank Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Raw Sewage
Quantity Released:	40
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states: A blockage on private property caused an overflow to public property and a storm drain. The release is contained to the storm drain.

ENF:

Name:	BURBANK AIRPORT AUTHORITY
Address:	2627 HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91352
Region:	4
Facility Id:	212117
Agency Name:	Burbank Glendale Pasadena Airport Authority
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Special District
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	4581
SIC Desc 1:	Airports, Flying Fields, and Airport Terminal Services
SIC Code 2:	Not reported
SIC Desc 2:	Not reported

LOCKHEED AIR TERMINAL (Continued) **S108196068**

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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1041685
Reg Measure Id:	152296
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	221259
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	11/09/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/09/2000

LOCKHEED AIR TERMINAL (Continued) **S108196068**

ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	13267 Letter sent 11/9/00 - 4WIP1041685
Description:	Not reported
Program:	WIP
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

NPDES:

Name:	BURBANK AIRPORT AUTHORITY
Address:	2627 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91352
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	189209
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19I003674
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/06/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2627 Hollywood Wy
Discharge Name:	Burbank Glendale Pasadena Airport Authority
Discharge City:	Burbank
Discharge State:	California
Discharge Zip:	91505
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:	4
Regulatory Measure ID:	189209
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I003674

LOCKHEED AIR TERMINAL (Continued) **S108196068**

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:	04/06/1992
Status:	Active
Status Date:	04/06/1992
Place Size:	18481971
Place Size Unit:	SqFt
Contact:	Maggie Martinez
Contact Title:	Not reported
Contact Phone:	818-840-8840
Contact Phone Ext:	Not reported
Contact Email:	mmartinez@bur.org
Operator Name:	Burbank Glendale Pasadena Airport Authority
Operator Address:	2627 Hollywood Wy
Operator City:	Burbank
Operator State:	California
Operator Zip:	91505
Operator Contact:	Mark Hardyment
Operator Contact Title:	Not reported
Operator Contact Phone:	818-840-8840
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	mhardyment@bur.org
Operator Type:	Special District
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:	818-840-8840
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

LOCKHEED AIR TERMINAL (Continued) **S108196068**

Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Losangeles River
Certifier:	Frank Miller
Certifier Title:	Executive Director
Certification Date:	19-JUN-17
Primary Sic:	4581-Airports, Flying Fields, and Airport Terminal Services
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	189209
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I003674
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/06/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Burbank Glendale Pasadena Airport Authority
Discharge Address:	2627 Hollywood Wy
Discharge City:	Burbank
Discharge State:	California
Discharge Zip:	91505
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

LOCKHEED AIR TERMINAL (Continued) **S108196068**

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

Name:	BURBANK AIRPORT AUTHORITY
Address:	2627 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91352
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:	4 19I003674
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:	Active
Status Date:	04/06/1992
Operator Name:	Burbank Glendale Pasadena Airport Authority
Operator Address:	2627 Hollywood Wy
Operator City:	Burbank

LOCKHEED AIR TERMINAL (Continued) **S108196068**

Operator State:	California
Operator Zip:	91505
NPDES as of 03/2018:	
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	189209
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I003674
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:	04/06/1992
Status:	Active
Status Date:	04/06/1992
Place Size:	18481971
Place Size Unit:	SqFt
Contact:	Maggie Martinez
Contact Title:	Not reported
Contact Phone:	818-840-8840
Contact Phone Ext:	Not reported
Contact Email:	mmartinez@bur.org
Operator Name:	Burbank Glendale Pasadena Airport Authority
Operator Address:	2627 Hollywood Wy
Operator City:	Burbank
Operator State:	California
Operator Zip:	91505
Operator Contact:	Mark Hardyment
Operator Contact Title:	Not reported
Operator Contact Phone:	818-840-8840
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	mhardyment@bur.org
Operator Type:	Special District
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:	818-840-8840
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported

LOCKHEED AIR TERMINAL (Continued) **S108196068**

Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Losangeles River
Certifier:	Frank Miller
Certifier Title:	Executive Director
Certification Date:	19-JUN-17
Primary Sic:	4581-Airports, Flying Fields, and Airport Terminal Services
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	189209
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I003674
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/06/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Burbank Glendale Pasadena Airport Authority
Discharge Address:	2627 Hollywood Wy
Discharge City:	Burbank
Discharge State:	California
Discharge Zip:	91505
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

LOCKHEED AIR TERMINAL (Continued) **S108196068**

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

CIWQS:

Name:	BURBANK AIRPORT AUTHORITY
Address:	2627 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91352
Agency:	Burbank Glendale Pasadena Airport Authority
Agency Address:	2627 Hollywood Wy, Burbank, CA 91505
Place/Project Type:	Industrial - Airports, Flying Fields, and Airport Terminal Services
SIC/NAICS:	4581
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I003674
NPDES Number:	CAS000001

LOCKHEED AIR TERMINAL (Continued) **S108196068**

Adoption Date:	Not reported
Effective Date:	04/06/1992
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:	34.1965
Longitude:	-118.35411

CERS:

Name:	BURBANK AIRPORT AUTHORITY
Address:	2627 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91352
Site ID:	528046
CERS ID:	212117
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	528046
Site Name:	Burbank Airport Authority
Violation Date:	06-28-2007
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Deficient BMP Implementation
Violation Notes:	Inspection 6/28/07: Spills in airplane & vehicle parking areas.
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS

Site ID:	528046
Site Name:	Burbank Airport Authority
Violation Date:	06-28-2007
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SWPPP
Violation Notes:	Inspection 6/28/07: Monitoring plan was incomplete. No certification available.
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS

Site ID:	528046
Site Name:	Burbank Airport Authority
Violation Date:	06-28-2007
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	Unauthorized Discharge
Violation Notes:	Inspection 6/28/07: Non-stormwater discharge from carwash area.
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS

Site ID:	528046
Site Name:	Burbank Airport Authority
Violation Date:	06-28-2007
Citation:	2014-0057-DWQ - Industrial General Permit

LOCKHEED AIR TERMINAL (Continued) **S108196068**

Violation Description:	SW - Deficient BMP Implementation
Violation Notes:	Inspection 6/28/07: Batteries & drums stored without cover or containment.
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS

Enforcement Action:

Site ID:	528046
Site Name:	Burbank Airport Authority
Site Address:	2627 HOLLYWOOD
Site City:	BURBANK
Site Zip:	91352
Enf Action Date:	07-23-2007
Enf Action Type:	Notice of Violation
Enf Action Description:	Notice of Violation
Enf Action Notes:	NOV sent 7/23/07 for violations of INDSTW permit found during inspection on 6/28/07.
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Burbank Glendale Pasadena Airport Authority
Entity Title:	Operator
Affiliation Address:	2627 Hollywood Wy
Affiliation City:	Burbank
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91505
Affiliation Phone:	Not reported

W100 **CHEVRON #9-0839** **CA LUST** **S101295678**
NNE **2650 HOLLYWOOD WY N** **CA CERS** **N/A**
1/4-1/2 **BURBANK, CA 91505**
0.349 mi.
1844 ft. **Site 1 of 3 in cluster W**

Relative:
Higher

Actual:
686 ft.

LUST:

Name:	CHEVRON #9-0839
Address:	2650 HOLLYWOOD WY N
City,State,Zip:	BURBANK, CA 91504
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702512
Global Id:	T0603702512
Latitude:	34.196806
Longitude:	-118.348503
Status:	Completed - Case Closed
Status Date:	10/04/1996
Case Worker:	YR
RB Case Number:	915040089
Local Agency:	BURBANK, CITY OF
File Location:	Not reported
Local Case Number:	Not reported

CHEVRON #9-0839 (Continued) **S101295678**

Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603702512
Contact Type: Local Agency Caseworker
Contact Name: JORGE MARTINEZ
Organization Name: BURBANK, CITY OF
Address: 311 E ORANGE GROVE AVE
City: BURBANK
Email: jmartinez@ci.burbank.ca.us
Phone Number: Not reported

Global Id: T0603702512
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603702512
Action Type: Other
Date: 01/30/1990
Action: Leak Reported

LUST:
Global Id: T0603702512
Status: Open - Case Begin Date
Status Date: 01/30/1990

Global Id: T0603702512
Status: Open - Site Assessment
Status Date: 01/30/1990

Global Id: T0603702512
Status: Open - Remediation
Status Date: 10/01/1991

Global Id: T0603702512
Status: Completed - Case Closed
Status Date: 10/04/1996

Name: CHEVRON #9-0839
Address: 2650 HOLLYWOOD WY N
City,State,Zip: BURBANK, CA 91505
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702513
Global Id: T0603702513
Latitude: 34.196806
Longitude: -118.348503
Status: Completed - Case Closed

CHEVRON #9-0839 (Continued) **S101295678**

Status Date: 11/05/2001
Case Worker: MB
RB Case Number: 915040089A
Local Agency: BURBANK, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603702513
Contact Type: Local Agency Caseworker
Contact Name: JORGE MARTINEZ
Organization Name: BURBANK, CITY OF
Address: 311 E ORANGE GROVE AVE
City: BURBANK
Email: jmartinez@ci.burbank.ca.us
Phone Number: Not reported

Global Id: T0603702513
Contact Type: Regional Board Caseworker
Contact Name: MAGDY BAIADY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: mbaiady@waterboards.ca.gov
Phone Number: 2135766699

LUST:
Global Id: T0603702513
Action Type: Other
Date: 12/10/1999
Action: Leak Reported

LUST:
Global Id: T0603702513
Status: Open - Case Begin Date
Status Date: 12/10/1999

Global Id: T0603702513
Status: Open - Site Assessment
Status Date: 12/10/1999

Global Id: T0603702513
Status: Completed - Case Closed
Status Date: 11/05/2001

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 915040089
Status: Case Closed
Substance: Gasoline

CHEVRON #9-0839 (Continued) **S101295678**

Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603702512	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19007	
Cross Street:	BURTON	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		1/30/1990
Date Leak Record Entered:	11/14/1990	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		7/29/1994
Date the Case was Closed:		10/4/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	OLD CASE #111490-02	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		1709.2466018238991675023767853
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		1/30/1990
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		10/1/1991
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	CHEVRON U.S.A. PRODUCTS CO	
RP Address:	P.O. BOX 2833, LA HABRA CA 90632-2833	
Program:	LUST	
Lat/Long:	34.1963431 / -1	
Local Agency Staff:	DB	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	
Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	915040089A	

CHEVRON #9-0839 (Continued) **S101295678**

Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603702513	
W Global ID:	Not reported	
Staff:	MB	
Local Agency:	19007	
Cross Street:	Not reported	
Enforcement Type:	Not reported	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		12/10/1999
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	12/10/1999	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		1/20/2000
Date the Case was Closed:		11/5/2001
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		1709.2466018238991675023767853
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	Y. M. TUAN	
RP Address:	P.O. BOX 2833	
Program:	LUST	
Lat/Long:	34.1963431 / -1	
Local Agency Staff:	DB	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	1/20/00 RESPONSE TO MTBE INVESTIGATION	

CERS:
Name: CHEVRON #9-0839

CHEVRON #9-0839 (Continued) **S101295678**

Address: 2650 HOLLYWOOD WY N
City,State,Zip: BURBANK, CA 91504
Site ID: 219635
CERS ID: T0603702512
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JORGE MARTINEZ - BURBANK, CITY OF
Entity Title: Not reported
Affiliation Address: 311 E ORANGE GROVE AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MAGDY BAIADY - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766699

Name: CHEVRON #9-0839
Address: 2650 HOLLYWOOD WY N
City,State,Zip: BURBANK, CA 91504
Site ID: 219635
CERS ID: T0603702513
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: JORGE MARTINEZ - BURBANK, CITY OF
Entity Title: Not reported
Affiliation Address: 311 E ORANGE GROVE AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: YUE RONG - LOS ANGELES RWQCB (REGION 4)

CHEVRON #9-0839 (Continued) **S101295678**

Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MAGDY BAIADY - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766699

W101 **CHEVRON #9-0839** **CA HIST CORTESE** **S103647859**
NNE **2650 HOLLYWOOD** **N/A**
1/4-1/2 **BURBANK, CA 91505**
0.349 mi.
1844 ft. **Site 2 of 3 in cluster W**

Relative:
Higher

Actual:
686 ft.

HIST CORTESE:

edr_fname:	CHEVRON #9-0839
edr_fadd1:	2650 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91505
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	915040089
edr_fname:	CHEVRON #9-0839
edr_fadd1:	2650 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91505
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	915040089A

X102 **DUNLAP ABBOTT CHALCO CORP** **RCRA-SQG** **1000818183**
WNW **2323 VALLEY ST** **CA CPS-SLIC** **CAD983567017**
1/4-1/2 **BURBANK, CA 91505** **FINDS**
0.351 mi. **ECHO**
1855 ft. **Site 1 of 2 in cluster X** **CA HAZNET**
CA HIST CORTESE

Relative:
Higher

CA CERS
CA HWTS

Actual:
694 ft.

RCRA-SQG:

Date form received by agency:	1992-12-01 00:00:00.0
Facility name:	DUNLAP ABBOTT CHALCO CORP
Facility address:	2323 VALLEY ST BURBANK, CA 91505

DUNLAP ABBOTT CHALCO CORP (Continued) **1000818183**

EPA ID: CAD983567017
Contact: RICHARD JANZEN
Contact address: 20130 SUNBURST ST
CHATSWORTH, CA 91311
Contact country: US
Contact telephone: 818-882-6773
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: CHALCO IND INC
Owner/operator address: 20130 SUNBURST ST
CHATWORTH, CA 91311
Owner/operator country: Not reported
Owner/operator telephone: 818-882-6773
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

CPS-SLIC:
Name: BARRY CONTROLS
Address: 2323 VALLEY STREET
City,State,Zip: BURBANK, CA 91505
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 08/28/2014
Global Id: T10000004727
Lead Agency: LOS ANGELES RWQCB (REGION 4)

DUNLAP ABBOTT CHALCO CORP (Continued) **1000818183**

Lead Agency Case Number:	Not reported
Latitude:	34.1928555
Longitude:	-118.3577829
Case Type:	Cleanup Program Site
Case Worker:	JL
Local Agency:	Not reported
RB Case Number:	104.1680
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:

FINDS:

Registry ID:	110002843200
Facility URL:	http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002843200

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:	1000818183
Registry ID:	110002843200
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002843200
Name:	DUNLAP ABBOTT CHALCO CORP
Address:	2323 VALLEY ST
City,State,Zip:	BURBANK, CA 91505

HAZNET:

Name:	DUNLAP ABBOTT CHALCO CORP
Address:	2323 VALLEY ST
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915050000
Contact:	UNDELIVERABLE 1996 FEES FORM
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	2323 VALLEY ST
Year:	1994
Gepaid:	CAD983567017
TSD EPA ID:	CAT080013352
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	R01 - Recycler
Tons:	7.14
Year:	1993
Gepaid:	CAD983567017

DUNLAP ABBOTT CHALCO CORP (Continued) **1000818183**

TSD EPA ID: CAD099452708
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: R01 - Recycler
Tons: 0.417

Year: 1993
Gepaid: CAD983567017
TSD EPA ID: CAT080013352
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: -
Tons: 5.643

Year: 1993
Gepaid: CAD983567017
TSD EPA ID: CAT066702689
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 1

Additional Info:
Year: 1993
Gen EPA ID: CAD983567017

Shipment Date: 19931101
Creation Date: 9/13/1995 0:00:00
Receipt Date: 19931108
Manifest ID: 93147074
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: CAD980735310
Trans 2 Name: Not reported
TSDF EPA ID: CAT066702689
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: 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: 19931021
Creation Date: 9/12/1995 0:00:00
Receipt Date: Not reported
Manifest ID: 93044780
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352

DUNLAP ABBOTT CHALCO CORP (Continued) **1000818183**

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:	- Not reported
Quantity Tons:	5.643
Waste Quantity:	1485
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:	19930304
Creation Date:	9/7/1995 0:00:00
Receipt Date:	19930304
Manifest ID:	92758440
Trans EPA ID:	CAD982359671
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
CA Waste Code:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
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:	1994
Gen EPA ID:	CAD983567017
Shipment Date:	19940304
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940304
Manifest ID:	93322071
Trans EPA ID:	CAD028277036
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:	135 - Unspecified aqueous solution
RCRA Code:	Not reported

DUNLAP ABBOTT CHALCO CORP (Continued) **1000818183**

Disposal Method:	R01 - Recycler
Quantity Tons:	7.14
Waste Quantity:	1700
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

HIST CORTESE:

edr_fname:	MILITARY FAMILY HOUSING
edr_fadd1:	2323 VALLEY
City,State,Zip:	BURBANK, CA 91505
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	2942

CERS:

Name:	BARRY CONTROLS
Address:	2323 VALLEY STREET
City,State,Zip:	BURBANK, CA 91505
Site ID:	202404
CERS ID:	T10000004727
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JILLIAN LY - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4th Sreet, Ste. 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766664

HWTS:

Name:	DUNLAP ABBOTT CHALCO CORP
Address:	2323 VALLEY ST
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915050000
EPA ID:	CAD983567017
Inactive Date:	06/30/1996
Create Date:	12/01/1992
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	2323 VALLEY ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURBANK, CA 915050000
Owner Name:	CHALCO IND INC
Owner Address:	20130 SUNBURST ST
Owner Address 2:	Not reported
Owner City,State,Zip:	CHATWORTH, CA 913110000

DUNLAP ABBOTT CHALCO CORP (Continued) **1000818183**

Contact Name: UNDELIVERABLE 1996 FEES FORM
Contact Address: --
Contact Address 2: Not reported
City,State,Zip: --, 99 999990000

X103 **ABBY RENTS** **CA CPS-SLIC** **S106484454**
WNW **2333 N VALLEY ST** **CA WIP** **N/A**
1/4-1/2 **BURBANK, CA 91505** **CA CERS**
0.355 mi.
1875 ft. **Site 2 of 2 in cluster X**

Relative:
Higher

Actual:
695 ft.

CPS-SLIC:
Name: ABBY RENTS
Address: 2333 N. VALLEY ST.
City,State,Zip: BURBANK, CA 91505
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 12/23/2014
Global Id: SL603798628
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.192585
Longitude: -118.356823
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 104.1121
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Name: ABBY RENTS
Address: 2333 N Valley St
City,State,Zip: BURBANK, CA 91505
Region: 4
File Number: 104.1121
File Status: **Backlog**
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: ABBY RENTS
Address: 2333 N. VALLEY ST.
City,State,Zip: BURBANK, CA 91505
Site ID: 232585
CERS ID: SL603798628
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200

ABBY RENTS (Continued) **S106484454**

Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

104
WNW
1/4-1/2
0.368 mi.
1944 ft.

FORMER LOCKHEED PLANT B-5
4207 EMPIRE AVENUE
BURBANK, CA 91352

CA CPS-SLIC **S100222505**
CA CHMIRS **N/A**
CA ENF
CA WIP
CA CERS

Relative:
Higher

Actual:
700 ft.

CPS-SLIC:

Name:	FORMER LOCKHEED PLANT B-5
Address:	4207 EMPIRE AVE.
City,State,Zip:	BURBANK, CA 91352
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/29/2004
Global Id:	SL603798652
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.194302
Longitude:	-118.359057
Case Type:	Cleanup Program Site
Case Worker:	LM
Local Agency:	Not reported
RB Case Number:	104.5167
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Soil Closure issued on June 29, 2004. Groundwater is ongoing under Burbank Operable Unit

Click here to access the California GeoTracker records for this facility:

CHMIRS:

Name:	Not reported
Address:	4207 EMPIRE AVE HANGER #3
City,State,Zip:	BURBANK, CA 91505-1108
OES Incident Number:	991409
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**16-MAR-88**
Property Use:	099
Agency Id Number:	19030
Agency Incident Number:	0BU8801623
Time Notified:	2008
Time Completed:	2042
Surrounding Area:	963
Estimated Temperature:	65
Property Management:	C
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported

FORMER LOCKHEED PLANT B-5 (Continued) **S100222505**

Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	3K48409
Vehicle State:	CA
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	AIR FUELS INC.
Reporting Officer Name/ID:	W B SANDERS #04563
Report Date:	16-MAR-88
Facility Telephone:	818 953-8773
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	16-MAR-88
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	Not reported
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	N
Description:	Not reported

ENF:

Name:	FORMER LOCKHEED PLANT B-5
Address:	4207 EMPIRE AVENUE
City,State,Zip:	BURBANK, CA 91352
Region:	4
Facility Id:	224959
Agency Name:	Locheed Plant B-5 (Former)

FORMER LOCKHEED PLANT B-5 (Continued) **S100222505**

Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1045167
Reg Measure Id:	152212
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N

FORMER LOCKHEED PLANT B-5 (Continued) **S100222505**

Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	225995
Region:	4
Order / Resolution Number:	R4-1987-0161
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	12/17/1987
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	CAO 87-161 - 4WIP1045167
Description:	Not reported
Program:	WIP
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

Name:	FORMER LOCKHEED PLANT B-5
Address:	4207 EMPIRE AVENUE
City,State,Zip:	BURBANK, CA 91352
Region:	4
Facility Id:	224959
Agency Name:	Locheed Plant B-5 (Former)
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported

FORMER LOCKHEED PLANT B-5 (Continued) **S100222505**

Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1045167
Reg Measure Id:	152212
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	221257
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	11/29/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/29/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1045167
Description:	Not reported
Program:	WIP
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

FORMER LOCKHEED PLANT B-5 (Continued) **S100222505**

Project $ Completed: 0
Total $ Paid/Completed Amount: 0

WIP:
Name: FORMER LOCKHEED PLANT B-5
Address: 4207 Empire Ave
City,State,Zip: BURBANK, CA 91352
Region: 4
File Number: 104.5167
File Status: Active
Staff: MZAIDI
Facility Suite: Not reported

CERS:
Name: FORMER LOCKHEED PLANT B-5
Address: 4207 EMPIRE AVE.
City,State,Zip: BURBANK, CA 91352
Site ID: 232034
CERS ID: SL603798652
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: LARRY MOORE - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

W105 **PREMIER SUEDE & LEATHER CLEANE** **CA CPS-SLIC** **S106483563**
NNE **2708 HOLLYWOOD** **CA ENF** **N/A**
1/4-1/2 **BURBANK, CA 91505** **CA CERS**
0.379 mi.
2000 ft. **Site 3 of 3 in cluster W**

Relative:
Higher

Actual:
689 ft.

CPS-SLIC:
Name: PREMIER CLEANERS (FORMER)
Address: 2708 NORTH HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91504
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 04/28/2011
Global Id: SL0603774775
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.197924
Longitude: -118.348859
Case Type: Cleanup Program Site
Case Worker: MZ
Local Agency: Not reported
RB Case Number: 104.5161
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply, Indoor Air, Other Groundwater

PREMIER SUEDE & LEATHER CLEANE (Continued) **S106483563**

(uses other than drinking water), Soil, Soil Vapor, Under Investigation

Potential Contaminants of Concern: Not reported

Site History: After reviewing (1) Vapor Extraction System Operation Report dated December 19, 2008, and (2) Temporary VES Operation Report & Closure Borings Workplan dated August 12, 2009, Regional Board staff M. Zaidi had a meeting on 11/10/2009 with the RP and staff of The Source Group at the site. Mike Wood of the Source Group sent an email to Mr. Zaidi summarizing the meeting notes, which were reviewed and amended by Mr. Zaidi and sent back to Mr. Wood in an email dated 11/25/09. After collecting soil gas samples from the wells, The Source Group will submit a technical report after receiving the analytical results of the soil gas samples to the Regional Board staff for their review. The RP consultant has collected soil gas samples for a rebound test on 2/19/2010, and plans to drill two confirmation soil borings in March 2010. Regional Board staff issued a No Further Requirements for Soil Only letter dated 3/30/11 for the Former Premier Cleaners site. The Site was found to be an open lot during staff's site inspection in 2010.

Click here to access the California GeoTracker records for this facility:

ENF:

Name:	PREMIER SUEDE & LEATHER CLEANE
Address:	2708 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91505
Region:	4
Facility Id:	250853
Agency Name:	Premier Suede/Leather Cleaner
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.19736
Place Longitude:	-118.348873
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported

PREMIER SUEDE & LEATHER CLEANE (Continued) **S106483563**

Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1045161
Reg Measure Id:	156970
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	221284
Region:	4
Order / Resolution Number:	LT950523
Enforcement Action Type:	13267 Letter
Effective Date:	05/23/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1045161
Description:	Not reported
Program:	WIP
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

PREMIER SUEDE & LEATHER CLEANE (Continued) **S106483563**

CERS:
Name: PREMIER CLEANERS (FORMER)
Address: 2708 NORTH HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91504
Site ID: 226818
CERS ID: SL0603774775
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Mohammad M. Zaidi - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 West 4th Street, Suite 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766732

106
NE
1/4-1/2
0.401 mi.
2117 ft.

Relative:
Higher

Actual:
681 ft.

BONDED SERVICES
3205 BURTON AVE
BURBANK, CA 91504

CA CPS-SLIC **S106484438**
CA ENF **N/A**
CA WIP
CA CERS

CPS-SLIC:
Name: BONDED SERVICES
Address: 3205 BURTON AVE.
City,State,Zip: BURBANK, CA 91504
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 10/29/2014
Global Id: SL603798609
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.196464
Longitude: -118.343575
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 104.0472
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

ENF:
Name: GENERAL CONNECTORS CORP.
Address: 3205 BURTON
City,State,Zip: BURBANK, CA 91504
Region: 4
Facility Id: 226935
Agency Name: General Connectors Corporation
Place Type: Facility

BONDED SERVICES (Continued) **S106484438**

Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.196583
Place Longitude:	-118.34457
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1040472
Reg Measure Id:	156310
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	I

BONDED SERVICES (Continued) **S106484438**

Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	220820
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	11/09/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/09/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1040472
Description:	Not reported
Program:	WIP
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

WIP:

Name:	BONDED SERVICES
Address:	3205 Burton Ave
City,State,Zip:	BURBANK, CA 91504
Region:	4
File Number:	104.0472
File Status:	**Backlog**
Staff:	UNIDENTIFIED
Facility Suite:	Not reported

CERS:

Name:	BONDED SERVICES
Address:	3205 BURTON AVE.
City,State,Zip:	BURBANK, CA 91504
Site ID:	229906
CERS ID:	SL603798609
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Y107 **MOBIL #11-FD3** **CA LUST** **S104406390**
South **1951 HOLLYWOOD WY N** **CA ENF** **N/A**
1/4-1/2 **BURBANK, CA 91505** **CA HIST CORTESE**
0.401 mi. **CA CERS**
2118 ft. **Site 1 of 3 in cluster Y**

Relative:
Lower

Actual:
645 ft.

LUST:

Name:	MOBIL #11-FD3
Address:	1951 HOLLYWOOD WY N
City,State,Zip:	BURBANK, CA 91505
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702535
Global Id:	T0603702535
Latitude:	34.1837146
Longitude:	-118.349285
Status:	Completed - Case Closed
Status Date:	11/05/2001
Case Worker:	MB
RB Case Number:	915050234
Local Agency:	BURBANK, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603702535
Contact Type:	Local Agency Caseworker
Contact Name:	JORGE MARTINEZ
Organization Name:	BURBANK, CITY OF
Address:	311 E ORANGE GROVE AVE
City:	BURBANK
Email:	jmartinez@ci.burbank.ca.us
Phone Number:	Not reported

Global Id:	T0603702535
Contact Type:	Regional Board Caseworker
Contact Name:	MAGDY BAIADY
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	320 W. 4TH ST., SUITE 200
City:	LOS ANGELES
Email:	mbaiady@waterboards.ca.gov
Phone Number:	2135766699

LUST:

Global Id:	T0603702535
Action Type:	Other
Date:	02/16/1988
Action:	Leak Discovery

Global Id:	T0603702535
Action Type:	Other
Date:	02/16/1988
Action:	Leak Stopped

Global Id:	T0603702535
Action Type:	Other

MOBIL #11-FD3 (Continued) **S104406390**

Date: 02/18/1988
Action: Leak Reported

LUST:
Global Id: T0603702535
Status: Open - Case Begin Date
Status Date: 02/16/1988

Global Id: T0603702535
Status: Open - Site Assessment
Status Date: 02/18/1988

Global Id: T0603702535
Status: Completed - Case Closed
Status Date: 11/05/2001

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 915050234
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0603702535
W Global ID: Not reported
Staff: MB
Local Agency: 19007
Cross Street: VICTORY
Enforcement Type: Not reported
Date Leak Discovered: 2/16/1988
Date Leak First Reported: 2/18/1988
Date Leak Record Entered: 3/18/1988
Date Confirmation Began: Not reported
Date Leak Stopped: 2/16/1988
Date Case Last Changed on Database: 4/26/1999
Date the Case was Closed: 11/5/2001
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: HELO, SHAWKAT
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 256.484529252988396585923469 52
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 2/18/1988
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported

MOBIL #11-FD3 (Continued) **S104406390**

Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	MR. CHUCK HELO
RP Address:	1951 N. HOLLYWOOD WAY
Program:	LUST
Lat/Long:	34.1837146 / -1
Local Agency Staff:	DB
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	TANK 2 : 8000 GAL, 24 YEARS TANK 3 : 10000 GAL, 16 YEARS

ENF:

Name:	MOBIL #11-FD3
Address:	1951 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91505
Region:	4
Facility Id:	243152
Agency Name:	ExxonMobil Oil Corporation Torrance
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.184324
Place Longitude:	-118.349159
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported

MOBIL #11-FD3 (Continued) **S104406390**

Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	915050234
Reg Measure Id:	168120
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	229711
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	02/10/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/10/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 915050234
Description:	Notice of Violation sent 2/10/00 for FTS technical report detailing underground storage tank activities.
Program:	UST
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

MOBIL #11-FD3 (Continued) **S104406390**

HIST CORTESE:

edr_fname:	MOBIL #11-FD3
edr_fadd1:	1951 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91505
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	915050234

edr_fname:	UNOCAL SERVICE STATION #4
edr_fadd1:	1951 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91505
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	2576

CERS:

Name:	MOBIL #11-FD3
Address:	1951 HOLLYWOOD WY N
City,State,Zip:	BURBANK, CA 91505
Site ID:	251890
CERS ID:	T0603702535
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JORGE MARTINEZ - BURBANK, CITY OF
Entity Title:	Not reported
Affiliation Address:	311 E ORANGE GROVE AVE
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MAGDY BAIADY - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766699

Y108 **MASE'S UNOCAL SS#1999** **CA LUST S103282027**
SSE **1976 HOLLYWOOD WAY** **CA SWEEPS UST N/A**
1/4-1/2 **BURBANK, CA 91505**
0.402 mi.
2122 ft. **Site 2 of 3 in cluster Y**

Relative:
Lower

Actual:
644 ft.

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles

MASE'S UNOCAL SS#1999 (Continued) **S103282027**

Facility Id:	915050189	
Status:	Case Closed	
Substance:	Benzene	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603702529	
W Global ID:	Not reported	
Staff:	MB	
Local Agency:	19007	
Cross Street:	VICTORY BLVD	
Enforcement Type:	Not reported	
Date Leak Discovered:	9/7/1997	
Date Leak First Reported:		9/7/1997
Date Leak Record Entered:	3/9/1998	
Date Confirmation Began:	9/7/1997	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		1/21/2000
Date the Case was Closed:		11/5/2001
How Leak Discovered:	Subsurface Monitoring	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		435.818640284006629784978456 02
Source of Cleanup Funding:		Not reported
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	LIZ SEWELL	
RP Address:	P.O. BOX 25376	
Program:	LUST	
Lat/Long:	34.1842046 / -1	
Local Agency Staff:	DB	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	1/21/00 MTBE INVESTIGATION	

MASE'S UNOCAL SS#1999 (Continued) **S103282027**

SWEEPS UST:

Name:	MASE'S UNOCAL SS#1999
Address:	1976 HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	10011
Number:	1
Board Of Equalization:	44-001057
Referral Date:	11-16-93
Action Date:	05-13-94
Created Date:	06-30-89
Owner Tank Id:	1999-2
SWRCB Tank Id:	19-007-010011-000001
Tank Status:	A
Capacity:	9950
Active Date:	09-24-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	MASE'S UNOCAL SS#1999
Address:	1976 HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	10011
Number:	1
Board Of Equalization:	44-001057
Referral Date:	11-16-93
Action Date:	05-13-94
Created Date:	06-30-89
Owner Tank Id:	1999-1
SWRCB Tank Id:	19-007-010011-000002
Tank Status:	A
Capacity:	9950
Active Date:	09-24-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	MASE'S UNOCAL SS#1999
Address:	1976 HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	10011
Number:	1
Board Of Equalization:	44-001057
Referral Date:	11-16-93
Action Date:	05-13-94
Created Date:	06-30-89
Owner Tank Id:	1999-4
SWRCB Tank Id:	19-007-010011-000003
Tank Status:	A
Capacity:	550
Active Date:	09-24-91
Tank Use:	OIL

MASE'S UNOCAL SS#1999 (Continued) **S103282027**

STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Y109 **TOSCO S.S. #1999** **CA LUST** **S103993465**
SSE **1976 HOLLYWOOD** **CA HIST CORTESE** **N/A**
1/4-1/2 **BURBANK, CA 91505** **CA CERS**
0.402 mi.
2122 ft. **Site 3 of 3 in cluster Y**

Relative:
Lower

Actual:
644 ft.

LUST:
Name: TOSCO S.S. #1999
Address: 1976 HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702529
Global Id: T0603702529
Latitude: 34.184455
Longitude: -118.348794
Status: Completed - Case Closed
Status Date: 11/05/2001
Case Worker: MB
RB Case Number: 915050189
Local Agency: BURBANK, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Benzene
Site History: Not reported

LUST:
Global Id: T0603702529
Contact Type: Local Agency Caseworker
Contact Name: JORGE MARTINEZ
Organization Name: BURBANK, CITY OF
Address: 311 E ORANGE GROVE AVE
City: BURBANK
Email: jmartinez@ci.burbank.ca.us
Phone Number: Not reported

Global Id: T0603702529
Contact Type: Regional Board Caseworker
Contact Name: MAGDY BAIADY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: mbaiady@waterboards.ca.gov
Phone Number: 2135766699

LUST:
Global Id: T0603702529
Action Type: Other
Date: 09/07/1997
Action: Leak Discovery

Global Id: T0603702529
Action Type: Other

TOSCO S.S. #1999 (Continued) **S103993465**

Date: 09/07/1997
Action: Leak Reported

LUST:
Global Id: T0603702529
Status: Open - Case Begin Date
Status Date: 09/07/1997

Global Id: T0603702529
Status: Open - Site Assessment
Status Date: 09/07/1997

Global Id: T0603702529
Status: Completed - Case Closed
Status Date: 11/05/2001

HIST CORTESE:
edr_fname: TOSCO S.S. #1999
edr_fadd1: 1976 HOLLYWOOD
City,State,Zip: BURBANK, CA 91505
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 915050189

CERS:
Name: TOSCO S.S. #1999
Address: 1976 HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
Site ID: 193489
CERS ID: T0603702529
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: MAGDY BAIADY - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766699

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JORGE MARTINEZ - BURBANK, CITY OF
Entity Title: Not reported
Affiliation Address: 311 E ORANGE GROVE AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Z110 **ALIGN-RITE INTERNATIONAL / PHOTRONICS INC.** **CA CPS-SLIC** **S112186558**
NE **2422-2428 NORTH ONTARIO STREET** **CA CERS** **N/A**
1/4-1/2 **BURBANK, CA 91504**
0.428 mi.
2260 ft. **Site 1 of 2 in cluster Z**

Relative:
Higher

Actual:
676 ft.

CPS-SLIC:

Name:	ALIGN-RITE INTERNATIONAL / PHOTRONICS INC.
Address:	2422-2428 NORTH ONTARIO STREET
City,State,Zip:	BURBANK, CA 91504
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	11/27/2013
Global Id:	T10000004292
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1963499
Longitude:	-118.3444752
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	104.0074
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:

CERS:

Name:	ALIGN-RITE INTERNATIONAL / PHOTRONICS INC.
Address:	2422-2428 NORTH ONTARIO STREET
City,State,Zip:	BURBANK, CA 91504
Site ID:	238112
CERS ID:	T10000004292
CERS Description:	Cleanup Program Site

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111 **MERCURY AIR SERVICES** **CA LUST** **S104406389**
WNW **4331 EMPIRE AVE W** **CA HIST CORTESE** **N/A**
1/4-1/2 **BURBANK, CA 91505** **CA CERS**
0.441 mi.
2328 ft.

Relative:
Higher

Actual:
702 ft.

LUST:

Name:	MERCURY AIR SERVICES
Address:	4331 EMPIRE AVE W
City,State,Zip:	BURBANK, CA 91505
Lead Agency:	BURBANK, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702531
Global Id:	T0603702531
Latitude:	34.1938271
Longitude:	-118.3572874
Status:	Completed - Case Closed
Status Date:	11/16/2011
Case Worker:	DDD
RB Case Number:	915050207
Local Agency:	BURBANK, CITY OF
File Location:	Not reported

MERCURY AIR SERVICES (Continued) **S104406389**

Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Aviation
Site History: Not reported

LUST:
Global Id: T0603702531
Contact Type: Local Agency Caseworker
Contact Name: DIRK DROSSEL
Organization Name: BURBANK, CITY OF
Address: 311 E ORANGE GROVE AVE
City: BURBANK
Email: ddrossel@ci.burbank.ca.us
Phone Number: Not reported

Global Id: T0603702531
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603702531
Action Type: Other
Date: 10/15/1991
Action: Leak Reported

LUST:
Global Id: T0603702531
Status: Open - Case Begin Date
Status Date: 10/15/1991

Global Id: T0603702531
Status: Open - Site Assessment
Status Date: 10/15/1991

Global Id: T0603702531
Status: Completed - Case Closed
Status Date: 11/16/2011

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 915050207
Status: Leak being confirmed
Substance: 1
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603702531

MERCURY AIR SERVICES (Continued) **S104406389**

W Global ID: Not reported
Staff: UNK
Local Agency: 19007
Cross Street: BURBANK AIRPORT
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 10/15/1991
Date Leak Record Entered: 12/19/1991
Date Confirmation Began: 10/15/1991
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 10/18/1991
Date the Case was Closed: Not reported
How Leak Discovered: Subsurface Monitoring
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: GOULD, EDSON
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 2236.735961045871542708250 4608
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: MERCURY AIR
RP Address: SAME AS SITE
Program: LUST
Lat/Long: 34.1938271 / -1
Local Agency Staff: DB
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: SUBSTANCE-NON HALOGENATED FUEL

HIST CORTESE:
edr_fname: MERCURY AIR SERVICES
edr_fadd1: 4331 EMPIRE
City,State,Zip: BURBANK, CA 92397
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 915050207

MERCURY AIR SERVICES (Continued) **S104406389**

CERS:

Name:	MERCURY AIR SERVICES
Address:	4331 EMPIRE AVE W
City,State,Zip:	BURBANK, CA 91505
Site ID:	207138
CERS ID:	T0603702531
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DIRK DROSSEL - BURBANK, CITY OF
Entity Title:	Not reported
Affiliation Address:	311 E ORANGE GROVE AVE
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	YUE RONG - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

AA112 **JAY-DEE AIRCRAFT SUPPLY CO.INC** **CA CPS-SLIC S106484423**
NE **2921 THORNTON AVE** **CA WIP N/A**
1/4-1/2 **BURBANK, CA 91504** **CA CERS**
0.449 mi.
2369 ft. **Site 1 of 2 in cluster AA**

Relative:
Lower

Actual:
672 ft.

CPS-SLIC:

Name:	JAY-DEE AIRCRAFT SUPPLY CO.INC
Address:	2921 THORNTON AVE.
City,State,Zip:	BURBANK, CA 91504
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	12/19/2014
Global Id:	SL603798593
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.195504
Longitude:	-118.342466
Case Type:	Cleanup Program Site
Case Worker:	GJH
Local Agency:	Not reported
RB Case Number:	104.0050
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

JAY-DEE AIRCRAFT SUPPLY CO.INC (Continued) **S106484423**

Click here to access the California GeoTracker records for this facility:

WIP:
Name: JAY-DEE AIRCRAFT SUPPLY CO.INC
Address: 2921 Thornton Ave
City,State,Zip: BURBANK, CA 91504
Region: 4
File Number: 104.0050
File Status: Backlog
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: JAY-DEE AIRCRAFT SUPPLY CO.INC
Address: 2921 THORNTON AVE.
City,State,Zip: BURBANK, CA 91504
Site ID: 222237
CERS ID: SL603798593
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AA113 **JAY DEE AIRCRAFT SUPPLY** **CA CPS-SLIC** **S106484422**
NE **2917 THORNTON AVE** **CA WIP** **N/A**
1/4-1/2 **BURBANK, CA** **CA CERS**
0.449 mi.
2370 ft. **Site 2 of 2 in cluster AA**

Relative:
Lower

Actual:
672 ft.

CPS-SLIC:
Name: JAY DEE AIRCRAFT SUPPLY
Address: 2917 THORNTON AVE.
City,State,Zip: BURBANK, CA
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 12/19/2014
Global Id: SL603798592
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.195504
Longitude: -118.342466
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 104.0049
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply

JAY DEE AIRCRAFT SUPPLY (Continued) **S106484422**

Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

WIP:
Name: JAY DEE AIRCRAFT SUPPLY
Address: 2917 Thornton Ave
City,State,Zip: BURBANK, CA
Region: 4
File Number: 104.0049
File Status: Backlog
Staff: UNIDENTIFIED
Facility Suite: Not reported

CERS:
Name: JAY DEE AIRCRAFT SUPPLY
Address: 2917 THORNTON AVE.
City,State,Zip: BURBANK, CA
Site ID: 223341
CERS ID: SL603798592
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Z114 **FORMER TWISS HEATING & TREATING** **CA CPS-SLIC** **S107473150**
NE **2503 NORTH ONTARIO BLVD.** **CA CERS** **N/A**
1/4-1/2 **BURBANK, CA**
0.452 mi.
2389 ft. **Site 2 of 2 in cluster Z**

Relative:
Higher

Actual:
679 ft.

CPS-SLIC:
Name: FORMER TWISS HEATING & TREATING
Address: 2503 NORTH ONTARIO BLVD.
City,State,Zip: BURBANK, CA
Region: STATE
Facility Status: Open - Inactive
Status Date: 01/01/1965
Global Id: SL0603794714
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.197064
Longitude: -118.344952
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 104.1078

FORMER TWISS HEATING & TREATING (Continued) **S107473150**

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:

CERS:
Name: FORMER TWISS HEATING & TREATING
Address: 2503 NORTH ONTARIO BLVD.
City,State,Zip: BURBANK, CA
Site ID: 231136
CERS ID: SL0603794714
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AB115 **AIRCRAFT SERVICE INTERNATIONAL** **CA LUST** **1000180804**
North **2761 HOLLYWOOD WAY** **CA SWEEPS UST** **N/A**
1/4-1/2 **BURBANK, CA 91505** **CA HIST UST**
0.455 mi. **CA FID UST**
2403 ft. **Site 1 of 2 in cluster AB** **CA ENF**
CA HIST CORTESE
Relative: **CA LOS ANGELES CO. HMS**
Higher **CA CERS**

Actual: **694 ft.**

LUST:
Name: ASII TANK FARM (SITE #1)
Address: 2761 HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702530
Global Id: T0603702530
Latitude: 34.1984576
Longitude: -118.348878
Status: Completed - Case Closed
Status Date: 11/05/2001
Case Worker: MB
RB Case Number: 915050198
Local Agency: BURBANK, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Aviation
Site History: Not reported

LUST:

AIRCRAFT SERVICE INTERNATIONAL (Continued) **1000180804**

Global Id: T0603702530
Contact Type: Local Agency Caseworker
Contact Name: JORGE MARTINEZ
Organization Name: BURBANK, CITY OF
Address: 311 E ORANGE GROVE AVE
City: BURBANK
Email: jmartinez@ci.burbank.ca.us
Phone Number: Not reported

Global Id: T0603702530
Contact Type: Regional Board Caseworker
Contact Name: MAGDY BAIADY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: LOS ANGELES
Email: mbaiady@waterboards.ca.gov
Phone Number: 2135766699

LUST:
Global Id: T0603702530
Action Type: Other
Date: 08/11/1997
Action: Leak Discovery

Global Id: T0603702530
Action Type: Other
Date: 08/11/1997
Action: Leak Stopped

Global Id: T0603702530
Action Type: Other
Date: 04/08/1998
Action: Leak Reported

LUST:
Global Id: T0603702530
Status: Open - Case Begin Date
Status Date: 08/11/1997

Global Id: T0603702530
Status: Open - Remediation
Status Date: 08/11/1997

Global Id: T0603702530
Status: Completed - Case Closed
Status Date: 11/05/2001

SWEEPS UST:
Name: AIRCRAFT SERVICE INTERNATIONAL
Address: 2761 HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9625
Number: 1
Board Of Equalization: 44-007474

AIRCRAFT SERVICE INTERNATIONAL (Continued) **1000180804**

Referral Date:	09-22-93
Action Date:	05-12-94
Created Date:	06-30-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-007-009625-000001
Tank Status:	A
Capacity:	10000
Active Date:	02-06-91
Tank Use:	PETROLEUM
STG:	W
Content:	JET FUEL
Number Of Tanks:	7

Name:	AIRCRAFT SERVICE INTERNATIONAL
Address:	2761 HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	9625
Number:	1
Board Of Equalization:	44-007474
Referral Date:	09-22-93
Action Date:	05-12-94
Created Date:	06-30-89
Owner Tank Id:	TANK-#1
SWRCB Tank Id:	19-007-009625-000002
Tank Status:	A
Capacity:	10000
Active Date:	02-06-91
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Name:	AIRCRAFT SERVICE INTERNATIONAL
Address:	2761 HOLLYWOOD WAY
City:	BURBANK
Status:	Active
Comp Number:	9625
Number:	1
Board Of Equalization:	44-007474
Referral Date:	09-22-93
Action Date:	05-12-94
Created Date:	06-30-89
Owner Tank Id:	TANK#17
SWRCB Tank Id:	19-007-009625-000003
Tank Status:	A
Capacity:	15512
Active Date:	02-06-91
Tank Use:	PETROLEUM
STG:	P
Content:	JET FUEL
Number Of Tanks:	Not reported

Name:	AIRCRAFT SERVICE INTERNATIONAL
Address:	2761 HOLLYWOOD WAY
City:	BURBANK
Status:	Active

AIRCRAFT SERVICE INTERNATIONAL (Continued) **1000180804**

Comp Number: 9625
Number: 1
Board Of Equalization: 44-007474
Referral Date: 09-22-93
Action Date: 05-12-94
Created Date: 06-30-89
Owner Tank Id: 18
SWRCB Tank Id: 19-007-009625-000004
Tank Status: A
Capacity: 15512
Active Date: 02-06-91
Tank Use: PETROLEUM
STG: P
Content: JET FUEL
Number Of Tanks: Not reported

Name: AIRCRAFT SERVICE INTERNATIONAL
Address: 2761 HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9625
Number: 1
Board Of Equalization: 44-007474
Referral Date: 09-22-93
Action Date: 05-12-94
Created Date: 06-30-89
Owner Tank Id: 37
SWRCB Tank Id: 19-007-009625-000005
Tank Status: A
Capacity: 20079
Active Date: 02-06-91
Tank Use: PETROLEUM
STG: P
Content: JET FUEL
Number Of Tanks: Not reported

Name: AIRCRAFT SERVICE INTERNATIONAL
Address: 2761 HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9625
Number: 1
Board Of Equalization: 44-007474
Referral Date: 09-22-93
Action Date: 05-12-94
Created Date: 06-30-89
Owner Tank Id: 38
SWRCB Tank Id: 19-007-009625-000006
Tank Status: A
Capacity: 20079
Active Date: 02-06-91
Tank Use: PETROLEUM
STG: P
Content: JET FUEL
Number Of Tanks: Not reported

Name: AIRCRAFT SERVICE INTERNATIONAL

AIRCRAFT SERVICE INTERNATIONAL (Continued) **1000180804**

Address: 2761 HOLLYWOOD WAY
City: BURBANK
Status: Active
Comp Number: 9625
Number: 1
Board Of Equalization: 44-007474
Referral Date: 09-22-93
Action Date: 05-12-94
Created Date: 06-30-89
Owner Tank Id: 52
SWRCB Tank Id: 19-007-009625-000007
Tank Status: A
Capacity: 24390
Active Date: 02-06-91
Tank Use: PETROLEUM
STG: P
Content: JET FUEL
Number Of Tanks: Not reported

Name: AIRCRAFT SERVICE INTERNATIONAL
Address: 2761 HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9625
Number: Not reported
Board Of Equalization: 44-007474
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-009625-000008
Tank Status: Not reported
Capacity: 15093
Active Date: Not reported
Tank Use: PETROLEUM
STG: PRODUCT
Content: JET FUEL
Number Of Tanks: 7

Name: AIRCRAFT SERVICE INTERNATIONAL
Address: 2761 HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9625
Number: Not reported
Board Of Equalization: 44-007474
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-009625-000009
Tank Status: Not reported
Capacity: 15093
Active Date: Not reported
Tank Use: PETROLEUM
STG: PRODUCT
Content: JET FUEL

AIRCRAFT SERVICE INTERNATIONAL (Continued) **1000180804**

Number Of Tanks: Not reported

Name: AIRCRAFT SERVICE INTERNATIONAL
Address: 2761 HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9625
Number: Not reported
Board Of Equalization: 44-007474
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-009625-000010
Tank Status: Not reported
Capacity: 15093
Active Date: Not reported
Tank Use: PETROLEUM
STG: PRODUCT
Content: JET FUEL
Number Of Tanks: Not reported

Name: AIRCRAFT SERVICE INTERNATIONAL
Address: 2761 HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9625
Number: Not reported
Board Of Equalization: 44-007474
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-009625-000011
Tank Status: Not reported
Capacity: 15093
Active Date: Not reported
Tank Use: PETROLEUM
STG: PRODUCT
Content: AVIATION GAS
Number Of Tanks: Not reported

Name: AIRCRAFT SERVICE INTERNATIONAL
Address: 2761 HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9625
Number: Not reported
Board Of Equalization: 44-007474
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-009625-000012
Tank Status: Not reported
Capacity: 15093
Active Date: Not reported

AIRCRAFT SERVICE INTERNATIONAL (Continued) **1000180804**

Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: AIRCRAFT SERVICE INTERNATIONAL
Address: 2761 HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9625
Number: Not reported
Board Of Equalization: 44-007474
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-009625-000013
Tank Status: Not reported
Capacity: 10164
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: AIRCRAFT SERVICE INTERNATIONAL
Address: 2761 HOLLYWOOD WAY
City: BURBANK
Status: Not reported
Comp Number: 9625
Number: Not reported
Board Of Equalization: 44-007474
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-009625-000014
Tank Status: Not reported
Capacity: 10187
Active Date: Not reported
Tank Use: PETROLEUM
STG: WASTE
Content: WASTE FUEL
Number Of Tanks: Not reported

HIST UST:
Name: LOCKHEED AIR TERMINAL INC
Address: 2761 HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
File Number: 00027606
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027606.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported

AIRCRAFT SERVICE INTERNATIONAL (Continued) **1000180804**

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:	19020964
Regulated By:	UTNKA
Regulated ID:	CAN000048
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	8188476416
Mail To:	Not reported
Mailing Address:	2761 HOLLYWOOD WAY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BURBANK 91505
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

ENF:

Name:	ASII TANK FARM (SITE #1)
Address:	2761 HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505
Region:	4
Facility Id:	206553
Agency Name:	Aircraft Service International
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.198471
Place Longitude:	-118.348851
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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

AIRCRAFT SERVICE INTERNATIONAL (Continued) **1000180804**

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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	UST
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	915050198
Reg Measure Id:	167340
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	229709
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	02/10/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/10/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical

AIRCRAFT SERVICE INTERNATIONAL (Continued) **1000180804**

Title:	Enforcement - 915050198
Description:	Notice of Violation sent 2/10/00 for FTS technical report detailing underground storage tank activities.
Program:	UST
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

HIST CORTESE:

edr_fname:	ASII TANK FARM (SITE #1)
edr_fadd1:	2761 HOLLYWOOD
City,State,Zip:	BURBANK, CA 91505
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	915050198

LOS ANGELES CO. HMS:

Name:	AIRCRAFT SERVICE INTERNATIONAL
Address:	2761 N HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91504
Region:	LA
Permit Category:	T
Facility Id:	009785-009625
Facility Type:	0
Facility Status:	Removed
Area:	3E
Permit Number:	00000845T
Permit Status:	Removed

CERS:

Name:	ASII TANK FARM (SITE #1)
Address:	2761 HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505
Site ID:	238622
CERS ID:	T0603702530
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	JORGE MARTINEZ - BURBANK, CITY OF
Entity Title:	Not reported
Affiliation Address:	311 E ORANGE GROVE AVE
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker

AIRCRAFT SERVICE INTERNATIONAL (Continued) **1000180804**

Entity Name:	MAGDY BAIADY - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W. 4TH ST., SUITE 200
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766699

AB116 **LOCKHEED AIR TERMINALS INC UNI** **CA LUST S103282106**
North **2761 HOLLYWOOD WAY** **CA EMI N/A**
1/4-1/2 **BURBANK, CA 91505**
0.455 mi.
2403 ft. **Site 2 of 2 in cluster AB**

Relative:
Higher

Actual:
694 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	915050198	
Status:	Case Closed	
Substance:	Jet Fuel	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Soil	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0603702530	
W Global ID:	Not reported	
Staff:	MB	
Local Agency:	19007	
Cross Street:	WINONA	
Enforcement Type:	Not reported	
Date Leak Discovered:	8/11/1997	
Date Leak First Reported:		4/8/1998
Date Leak Record Entered:	5/6/1998	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	8/11/1997	
Date Case Last Changed on Database:		4/8/1998
Date the Case was Closed:		11/5/2001
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	Overfill	
Leak Source:	Other Source	
Operator:	AIRCRAFT SERVICE INT'L	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2464.0720018395886271877838959
Source of Cleanup Funding:		Other Source
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		8/11/1997
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported

LOCKHEED AIR TERMINALS INC UNI (Continued) **S103282106**

Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	RUSSELL CAMPBELL
RP Address:	2761 HOLLYWOOD WAY
Program:	LUST
Lat/Long:	34.198406 / -1
Local Agency Staff:	DB
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	SPILL OCCUSED WHILE RELOADING FUEL TRUCK #3631 DUE TO MECHANICAL FAILURE OF HIGH LEVEL SHUT OFF AND FAILURE TO FOLLOW PROPER RELOADING PROCEDURE.

EMI:

Name:	LOCKHEED AIR TERMINALS INC UNI
Address:	2761 HOLLYWOOD WAY
City,State,Zip:	BURBANK, CA 91505
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	25175
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	4
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

AC117 **VALLEY ENAMELING CORP** **RCRA-SQG** **1000283248**
NE **2509 NORTH ONTARIO STREET** **CA CPS-SLIC** **CAD008495103**
1/4-1/2 **BURBANK, CA 91504** **CA CERS HAZ WASTE**
0.463 mi. **FINDS**
2442 ft. **Site 1 of 2 in cluster AC** **ECHO**
CA EMI
Relative: Higher **CA ENF**
CA HAZNET
Actual: 680 ft. **CA LOS ANGELES CO. HMS**
CA CERS
CA HWTS

RCRA-SQG:

Date form received by agency:	1996-09-01 00:00:00.0
Facility name:	VALLEY ENAMELING CORP
Facility address:	2509 NORTH ONTARIO STREET

VALLEY ENAMELING CORP (Continued) **1000283248**

BURBANK, CA 91504
EPA ID: CAD008495103
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: FRANK W NERREN
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

VALLEY ENAMELING CORP (Continued) **1000283248**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 1980-11-17 00:00:00.0
Site name: VALLEY ENAMELING CORP
Classification: Large Quantity Generator

Violation Status: No violations found

CPS-SLIC:
Name: VALLEY ENAMELLING CORP.
Address: 2509 ONTARIO ST.
City,State,Zip: BURBANK, CA 91504
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 12/23/2014
Global Id: SL603798627
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.196464
Longitude: -118.343575
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 104.1093
File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:
Name: UNITED CAR CARE CENTER
Address: 2509 N ONTARIO ST
City,State,Zip: BURBANK, CA 91504
Site ID: 362101
CERS ID: 10653433
CERS Description: Hazardous Waste Generator

FINDS:
Registry ID: 110002634445
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002634445

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

VALLEY ENAMELING CORP (Continued) **1000283248**

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:	1000283248
Registry ID:	110002634445
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002634445
Name:	VALLEY ENAMELING CORP
Address:	2509 NORTH ONTARIO STREET
City,State,Zip:	BURBANK, CA 91504

EMI:

Name:	VALLEY ENAMELING CORP
Address:	2509 N ONTARIO ST
City,State,Zip:	BURBANK, CA 915040000
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	8795
Air District Name:	SC
SIC Code:	3479
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:	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:	VALLEY ENAMELING CORP
Address:	2509 N ONTARIO ST
City,State,Zip:	BURBANK, CA 915040000
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	8795
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	4
Reactive Organic Gases Tons/Yr:	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:	VALLEY ENAMELING CORP
Address:	2509 N ONTARIO ST

VALLEY ENAMELING CORP (Continued) **1000283248**

City,State,Zip:	BURBANK, CA 915040000
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	8795
Air District Name:	SC
SIC Code:	3479
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	VALLEY ENAMELING CORP
Address:	2509 N ONTARIO ST
City,State,Zip:	BURBANK, CA 915040000
Year:	1996
County Code:	19
Air Basin:	SC
Facility ID:	8795
Air District Name:	SC
SIC Code:	3479
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:	VALLEY ENAMELLING CORP.
Address:	2509 ONTARIO
City,State,Zip:	BURBANK, CA 91504
Region:	4
Facility Id:	270044
Agency Name:	Valley Enamelling Corporation
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.196871
Place Longitude:	-118.344476
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported

VALLEY ENAMELING CORP (Continued) **1000283248**

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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1041093
Reg Measure Id:	160947
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	226318
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	11/09/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/09/2000
ACL Issuance Date:	Not reported

VALLEY ENAMELING CORP (Continued) **1000283248**

EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1041093
Description:	Not reported
Program:	WIP
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

Name:	VALLEY ENAMELLING CORP.
Address:	2509 ONTARIO
City,State,Zip:	BURBANK, CA 91504
Region:	4
Facility Id:	270891
Agency Name:	Valley Enamelling Corporation
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.196871
Place Longitude:	-118.344476
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1041093
Reg Measure Id:	173142
Reg Measure Type:	Unregulated

VALLEY ENAMELING CORP (Continued) **1000283248**

Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	252501
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	05/20/2004
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	05/20/2004
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1041093
Description:	13267 Letter sent 5/20/04 for overdue hexavalent chromium workplan.
Program:	WIP
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

HAZNET:

Name:	VALLEY ENAMELING CORP
Address:	2509 NORTH ONTARIO STREET
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915040000
Contact:	JERRY NERREN - PRESIDENT
Telephone:	8188480264
Mailing Name:	Not reported

VALLEY ENAMELING CORP (Continued) **1000283248**

Mailing Address: 2509 N ONTARIO ST

Year: 2001
Gepaid: CAD008495103
TSD EPA ID: CAT080033681
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 25.75

Year: 1995
Gepaid: CAD008495103
TSD EPA ID: CAT000646117
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 1.6856

Year: 1995
Gepaid: CAD008495103
TSD EPA ID: CAD008302903
CA Waste Code: 212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: R01 - Recycler
Tons: 0.1815

Year: 1995
Gepaid: CAD008495103
TSD EPA ID: Not reported
CA Waste Code: 121 - Alkaline solution (pH >= 12.5) with metals
Disposal Method: -
Tons: 0.8428

Year: 1995
Gepaid: CAD008495103
TSD EPA ID: CAD008302903
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: R01 - Recycler
Tons: 0.2293

Year: 1994
Gepaid: CAD008495103
TSD EPA ID: NVT330010000
CA Waste Code: 121 - Alkaline solution (pH >= 12.5) with metals
Disposal Method: -
Tons: 1.6856

Year: 1994
Gepaid: CAD008495103
TSD EPA ID: CAD008302903
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: R01 - Recycler
Tons: 0.4587

Year: 1994
Gepaid: CAD008495103
TSD EPA ID: Not reported
CA Waste Code: 121 - Alkaline solution (pH >= 12.5) with metals
Disposal Method: -
Tons: 3.919

VALLEY ENAMELING CORP (Continued) **1000283248**

Year: 1993
Gepaid: CAD008495103
TSD EPA ID: NVT330010000
CA Waste Code: 121 - Alkaline solution (pH >= 12.5) with metals
Disposal Method: -
Tons: 1.6856

Year: 1992
Gepaid: CAD008495103
TSD EPA ID: NVT330010000
CA Waste Code: 121 - Alkaline solution (pH >= 12.5) with metals
Disposal Method: -
Tons: 1.0113

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

Additional Info:
Year: 2001
Gen EPA ID: CAD008495103

Shipment Date: 20011129
Creation Date: 2/20/2002 0:00:00
Receipt Date: 20011203
Manifest ID: 21676008
Trans EPA ID: CA0000970392
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
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: 25.75
Waste Quantity: 51500
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: CAD008495103

Shipment Date: 19950830
Creation Date: 4/3/1996 0:00:00
Receipt Date: 19950831
Manifest ID: 95142167
Trans EPA ID: CAD009230244
Trans Name: Not reported

VALLEY ENAMELING CORP (Continued) **1000283248**

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:	0.1815
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:	19950830
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950831
Manifest ID:	95142167
Trans EPA ID:	CAD009230244
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:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F001
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
Shipment Date:	19950825
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950828
Manifest ID:	92732094
Trans EPA ID:	CAD981685886
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc

VALLEY ENAMELING CORP (Continued) **1000283248**

RCRA Code:	Not reported
Disposal Method:	- Not reported
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:	19950315
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950323
Manifest ID:	95209023
Trans EPA ID:	CAD009230244
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:	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:	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

Additional Info:

Year:	1994
Gen EPA ID:	CAD008495103
Shipment Date:	19941026
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941027
Manifest ID:	95022938
Trans EPA ID:	CAD009230244
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:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	F001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G

VALLEY ENAMELING CORP (Continued) **1000283248**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941011
Creation Date:	10/18/1995 0:00:00
Receipt Date:	19941014
Manifest ID:	92732052
Trans EPA ID:	CAD981685886
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	Not reported
Disposal Method:	- Not reported
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:	19940825
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940826
Manifest ID:	92732060
Trans EPA ID:	CAL000112835
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	Not reported
Disposal Method:	- Not reported
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

VALLEY ENAMELING CORP (Continued) **1000283248**

Shipment Date:	19940207
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940208
Manifest ID:	92732030
Trans EPA ID:	CAD981685886
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	Not reported
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	3.919
Waste Quantity:	4.65
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:	1993
Gen EPA ID:	CAD008495103
Shipment Date:	19930322
Creation Date:	9/6/1995 0:00:00
Receipt Date:	19930420
Manifest ID:	92819202
Trans EPA ID:	CAD980665707
Trans Name:	Not reported
Trans 2 EPA ID:	CAD052453107
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	Not reported
Disposal Method:	- Not reported
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

VALLEY ENAMELING CORP (Continued) **1000283248**

LOS ANGELES CO. HMS:
- Name: VALLEY ENAMELLING CO
- Address: 2509 N ONTARIO ST
- City,State,Zip: BURBANK, CA 91504
- Region: LA
- Permit Category: Not reported
- Facility Id: 025949-035435
- Facility Type: Not reported
- Facility Status: OPEN
- Area: 3E
- Permit Number: Not reported
- Permit Status: Not reported

CERS:
- Name: VALLEY ENAMELLING CORP.
- Address: 2509 ONTARIO ST.
- City,State,Zip: BURBANK, CA 91504
- Site ID: 219936
- CERS ID: SL603798627
- CERS Description: Cleanup Program Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
- Entity Title: Not reported
- Affiliation Address: 320 W. 4TH ST., SUITE 200
- Affiliation City: LOS ANGELES
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

HWTS:
- Name: VALLEY ENAMELING CORP
- Address: 2509 NORTH ONTARIO STREET
- Address 2: Not reported
- City,State,Zip: BURBANK, CA 915040000
- EPA ID: CAD008495103
- Inactive Date: 06/30/2006
- Create Date: 07/23/1982
- Last Act Date: 05/25/2007
- Mailing Name: Not reported
- Mailing Address: 2509 N ONTARIO ST
- Mailing Address 2: Not reported
- Mailing City,State,Zip: BURBANK, CA 915042513
- Owner Name: JERRY NERREN
- Owner Address: 2509 N ONTARIO
- Owner Address 2: Not reported
- Owner City,State,Zip: BURBANK, CA 915042513
- Contact Name: JERRY NERREN - PRESIDENT
- Contact Address: 2509 N ONTARIO ST
- Contact Address 2: Not reported
- City,State,Zip: BURBANK, CA 915042513

NAICS:
- EPA ID: CAD008495103

VALLEY ENAMELING CORP (Continued) **1000283248**

Create Date:	2004-10-20 10:23:57
NAICS Code:	339912
NAICS Description:	Silverware and Hollowware Manufacturing
Issued EPA ID Date:	1982-07-23 00:00:00
Inactive Date:	2006-06-30 10:14:52
Facility Name:	VALLEY ENAMELING CORP
Facility Address:	2509 NORTH ONTARIO STREET
Facility Address 2:	Not reported
Facility City:	BURBANK
Facility County:	19
Facility State:	CA
Facility Zip:	915040000

Name:	UNITED CAR CARE CENTER
Address:	2509 N ONTARIO ST
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 91504
EPA ID:	CAL000405991
Inactive Date:	06/30/2015
Create Date:	04/13/2015
Last Act Date:	01/27/2016
Mailing Name:	Not reported
Mailing Address:	2509 N ONTARIO ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURBANK, CA 91504
Owner Name:	ADNAN REQUIEA
Owner Address:	2509 N ONTARIO ST
Owner Address 2:	Not reported
Owner City,State,Zip:	BURBANK, CA 91504
Contact Name:	JERAN MANGASARIAN
Contact Address:	2509 N ONTARIO ST
Contact Address 2:	Not reported
City,State,Zip:	BURBANK, CA 91504

NAICS:

EPA ID:	CAL000405991
Create Date:	2015-04-13 15:29:25
NAICS Code:	811111
NAICS Description:	General Automotive Repair
Issued EPA ID Date:	2015-04-13 15:29:25
Inactive Date:	2015-06-30 00:00:00
Facility Name:	UNITED CAR CARE CENTER
Facility Address:	2509 N ONTARIO ST
Facility Address 2:	Not reported
Facility City:	BURBANK
Facility County:	19
Facility State:	CA
Facility Zip:	91504

118 SE 1/4-1/2 0.467 mi. 2466 ft. **LOCKHEED AIRCRAFT**
3100 WEST VICTORY BOULEVARD
BURBANK, CA

CA SWF/LF **S111075986**
N/A

Relative: Lower
Actual: 636 ft.

LOS ANGELES CO. LF:

Name:	LOCKHEED AIRCRAFT
Address:	3100 WEST VICTORY BOULEVARD
City,State,Zip:	BURBANK, CA
Site ID:	1980
Alt. Address:	1705 West Victory Boulevard, Burbank, CA; 2004 Empire Boulevard, Burbank, CA 91504
Site Contact:	Not reported
Site Contact Phone:	Not reported
Site Email:	Not reported
Site Website:	Not reported
Site Type:	Unknown
Site SWIS Number:	19-AA-5348
Beginning Operation Date:	1940
Ending Operation Date:	1940
Local Enforcement Agency:	Not reported
Maximun Depth Fill(Ft):	Not reported
Permitted Capacity:	Not reported
Present Use:	Ralph Foy Park
Remaining Capacity(Million):	Not reported
Status:	Closed
Waste Accepted:	Hazardous Waste; Inert
Hours of Operation:	Not reported
Disposal Area (Acre):	Not reported

Detail As Of 01/2014:

Operator Name:	Unknown
Operator Address:	Not reported
Operator City/State/Zip:	Not reported
Operator Contact:	Not reported
Operator Telephone:	Not reported
Operator Email:	Not reported
Owner Name:	Lockheed Martin
Owner Address:	2550 NORTH HOLLYWOOD WAY SUITE 305
Owner City/State/Zip:	BURBANK, CA 91505
Owner Contact:	John Johnsen
Owner Telephone:	(818) 847-0501
Owner Email:	Not reported

AC119 NE 1/2-1 0.512 mi. 2701 ft. **PROCESS CONTROL LABS**
2520 N. ONTARIO ST. #D
BURBANK, CA 91504

Site 2 of 2 in cluster AC

CA ENVIROSTOR **S106484436**
CA CPS-SLIC **N/A**
CA CERS HAZ WASTE
CA CERS

Relative: Higher
Actual: 681 ft.

ENVIROSTOR:

Name:	PROCESS CONTROL
Address:	2520 N. ONTARIO STREET #D
City,State,Zip:	BURBANK, CA 91504
Facility ID:	71003020
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit

PROCESS CONTROL LABS (Continued) **S106484436**

Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.19780
Longitude: -118.3441
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD982402307
Alias Type: EPA Identification Number
Alias Name: 110002804760
Alias Type: EPA (FRS #)
Alias Name: 71003020
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 02/21/2001
Comments: Not reported

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

CPS-SLIC:
Name: PROCESS CONTROL LABS
Address: 2520 N. ONTARIO ST. #D
City,State,Zip: BURBANK, CA 91504
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 08/25/1995
Global Id: SL603798607
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.196464
Longitude: -118.343575
Case Type: Cleanup Program Site

PROCESS CONTROL LABS (Continued) **S106484436**

Case Worker:	LM
Local Agency:	Not reported
RB Case Number:	104.0404
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:

Name:	PROCESS CONTROL LABS
Address:	2520 N. ONTARIO ST. #D
City,State,Zip:	BURBANK, CA 91504
Site ID:	58913
CERS ID:	10229716
CERS Description:	Hazardous Waste Onsite Treatment

Name:	PROCESS CONTROL LABS
Address:	2520 N. ONTARIO ST. #D
City,State,Zip:	BURBANK, CA 91504
Site ID:	58913
CERS ID:	10229716
CERS Description:	Hazardous Waste Generator

CERS:

Name:	PROCESS CONTROL LABS
Address:	2520 N. ONTARIO ST. #D
City,State,Zip:	BURBANK, CA 91504
Site ID:	58913
CERS ID:	10229716
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Operations/Maintenance - General
Violation Notes:	General Housekeeping. The work space needs to be maintained in such a way as to ensure all residue is removed from under floor grates at the end of each work day. This clean-up will be on-going with follow-up inspections as needed.
Violation Division:	Burbank Fire Department
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	09-14-2017
Citation:	22 CCR 45 67450.11(d)(7)(E) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.11(d)(7)(E)
Violation Description:	Failure to maintain the required documents at the facility for a minimum of three years from the last date of any activity and made available to authorized representatives of the Department, the CUPA, or the U.S. EPA.

PROCESS CONTROL LABS (Continued) **S106484436**

Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: The Owner/Operator failed to maintain cyanide treatment records at the facility for three years. Owners or Operators shall ensure that the following records are maintained at the facility for a minimum of three years from the last date of any activity: written approval from the agency operating the POTW receiving the facility's discharges, a written method documented in the waste analysis plan for ensuring that the concentration of total cyanide does not exceed 5000 milligrams per liter in the aqueous waste resulting from mixing, and documentation that the residual solids generated by treatment have been sent offsite for metals recovery or reclamation, or determined to be not amendable for recycling. CORRECTIVE ACTIONS: Ensure that the cyanide treatment records, as listed in this section, are maintained at the facility for a minimum of three years. Submit copies of supporting documentation that demonstrates compliance with this requirement to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	PBR
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
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 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, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes:	OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CE
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
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 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, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.

PROCESS CONTROL LABS (Continued) **S106484436**

Violation Notes:	OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CA
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	09-14-2017
Citation:	HSC 6.5 25201.5(d)(6) - California Health and Safety Code, Chapter 6.5, Section(s) 25201.5(d)(6)
Violation Description:	Failure of the generator to prepare and maintain onsite, for a period of three years, the following: (1) adequate records to demonstrate compliance with all applicable pretreatment standards and discharge requirements issued by the agency operating the POTW; (2) records of the dates, concentrations, amounts, and types of waste treated; and (3) written operating instructions.
Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: Records for conducting hazardous waste treatment were not maintained onsite for three years. No records of Chrome reduction waste treatment. CORRECTIVE ACTION: Begin maintaining records for hazardous waste treatment and ensure that they are kept onsite for three years. Submit copies of these records to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CE
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description:	Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes:	OBSERVATION: Daily inspections of the Holding tank of neutralized waste prior to filter press tank system have not been conducted and documented. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the Holding tank of neutralized waste prior to filter press tank system is being properly inspected and documented.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	09-14-2017
Citation:	22 CCR 45 67450.2(c)(10) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(c)(10)
Violation Description:	Failure of the owner or operator of a fixed treatment unit (FTU), upon request by the CUPA or authorized agency, to prepare, and submit to CUPA a complete annual report detailing treatment activities conducted during the calendar year preceding the request.

PROCESS CONTROL LABS (Continued) **S106484436**

Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: Annual Report information was not submitted to the CERS. The Owner/Operator of a FTU shall submit an Annual Report which includes all of the required information listed in this section. CORRECTIVE ACTION: Immediately submit the required Annual Report information to the CERS.
Violation Division:	Los Angeles County Fire Department
Violation Program:	PBR
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	09-14-2017
Citation:	HSC 6.5 25200.3(e) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.3(e)
Violation Description:	Failure to submit the signature page for the onsite treatment notification.
Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: A notification for treating hazardous waste onsite has not been submitted to the CUPA. No person may treat hazardous waste onsite without submitting notification sixty (60) days prior to beginning the first treatment of hazardous waste. Hydrochloric acid neutralization. CORRECTIVE ACTION: Immediately submit the required hazardous waste treeatment notification to the CUPA for review.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CA
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	22 CCR 45 67450.11(d)(3) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.11(d)(3)
Violation Description:	Failure of the generator to meet the specified requirement while treating cyanide waste solutions under Permit by Rule.
Violation Notes:	OBSERVATION: The Generator failed to meet all of the requirements for treating cyanide-containing aqueous wastes. The Generator shall: treat HW that is generated onsite, the treatment of the waste is not regulated under RCRA, the waste is not reactive pursuant to section 66261.23 or extremely hazardous pursuant to sections 66261.107 or 66261.110, the HW is hazardous because it contains cyanide or a combination of cyanide and metals, the treatment is conducted solely for the purpose of treating cyanide-containing wastes. The only treatment technologies used are the ones listed in this section for the waste stream(s) eligible to be treated, the treatment is only conducted for the purpose of treating eligible constituent(s), all treatment is conducted in tanks or containers and all discharges to air comply with federal, state, and local air pollution control requirements. Cyanide-containing wastes eligible for treatment are: aqueous wastes generated by rinsing work pieces and [Truncated]
Violation Division:	Los Angeles County Fire Department
Violation Program:	PBR
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5,

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	Section(s) 25201(a)
Violation Description:	Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept, treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA.
Violation Notes:	OBSERVATION: The owner or operator failed to obtain a permit to treat HW. No owner or operator of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site shall accept, treat, store, or dispose of HW at the facility, area, or site, unless the owner or operator holds a HW facilities permit or other grant of authorization from the DTSC to use and operate the facility, area, or site, or the owner or operator is operating under a permit-by-rule pursuant to the DTSC's regulations, or a grant of conditional authorization or conditional exemption pursuant to this chapter. No permit for acid neutralization, tank BT#01. CORRECTIVE ACTIONS: Immediately obtain a permit to treat HW by permit-by-rule, conditional authorization, or conditional exemption for this facility issued from the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CA
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	OBSERVATION:1x55 gal acid filter cake solids was observed stored with nitric acid, peroxide, and alkaline solids in the hazardous waste and materials storage area. CORRECTIVE ACTION: Submit photos/documentation to the CUPA demonstrating the multiple hazard class waste and materials has been properly segregated, removed and managed.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
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:	Not reported
Violation Division:	Burbank Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	58913

PROCESS CONTROL LABS (Continued) **S106484436**

Site Name:	PROCESS CONTROL LABS
Violation Date:	09-04-2014
Citation:	22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description:	Failure of the new hazardous waste tank assessment to include all of the following information: 1) Tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information; A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions. 3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the age); 4) Description and evaluation of any leak detection equipment; 5) Description and evaluation of any corrosion protection equipment, devices, or material; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193(f); 8) Hazardous characteristics of the waste(s) that have been or will be handled; 9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection: A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank syste
Violation Notes:	Returned to compliance on 09/14/2017. Tank certs required OBSERVATION: The Owner/Operator failed to prepare a complete hazardous waste tank system assessment that includes all of the required information listed in this section. The hazardous waste tank system assessment shall also be kept on file at the facility. CORRECTIVE ACTION: Immediately prepare/revise the hazardous waste tank system assessment to include all of the required information according to this section. Submit a copy of the revised hazardous waste tank system assessment to CERS and maintain a copy on file at the facility.
Violation Division:	Los Angeles County Fire Department
Violation Program:	PBR
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	09-14-2017
Citation:	HSC 6.5 25201.5(d)(5) - California Health and Safety Code, Chapter 6.5, Section(s) 25201.5(d)(5)
Violation Description:	Failure to prepare, implement, and maintain onsite, for three years at the facility, a treatment system inspection program and log of inspections conducted.
Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: Records for

PROCESS CONTROL LABS (Continued) **S106484436**

scheduling and logging inspections for the hazardous waste treatment system were not maintained onsite for three years. CORRECTIVE ACTION: Begin maintaining records for scheduling and logging inspections for the hazardous waste treatment system and ensure that they are kept onsite for three years. Submit copies of these records and inspections to the CUPA.

Violation Division: Los Angeles County Fire Department
Violation Program: CE
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
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 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, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes: OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017
Citation: 22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description: Failure to submit the signature page for the onsite treatment notification.
Violation Notes: Returned to compliance on 02/22/2019. OBSERVATION: A notification for treating hazardous waste onsite has not been submitted to the CUPA. No person may treat hazardous waste onsite without submitting notification sixty (60) days prior to beginning the first treatment of hazardous waste. Cyanide rinse water destruction. CORRECTIVE ACTION: Immediately submit the required Hazardous Waste Treatment notification to the CUPA for review and authorization to operate.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 12-10-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)

PROCESS CONTROL LABS (Continued) **S106484436**

Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/21/2015.
Violation Division:	Burbank Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	09-14-2017
Citation:	22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
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 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, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. The acid neuatralization filter press not assessed. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CA
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	09-04-2014
Citation:	HSC 6.5 25250.7 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.7
Violation Description:	Failure to handle contaminated used oil (other than minimal amounts of vehicle fuel) as a hazardous waste.
Violation Notes:	Returned to compliance on 09/04/2014. Manager had started CERS submission but was unable to submit because TP forms were not populating properly. CERS submitted during inspection.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	09-14-2017
Citation:	22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
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 in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only

PROCESS CONTROL LABS (Continued) **S106484436**

non-RCRA hazardous wastes generated onsite, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.

Violation Notes: Returned to compliance on 02/22/2019. OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. No tank assessment for Chrome reduction tank. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.
Violation Division: Los Angeles County Fire Department
Violation Program: CE
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017
Citation: HSC 6.5 25201.5(d)(7) - California Health and Safety Code, Chapter 6.5, Section(s) 25201.5(d)(7)
Violation Description: Failure to submit the signature page for the onsite treatment notification.
Violation Notes: Returned to compliance on 02/22/2019. OBSERVATION: A notification for treating HW onsite has not been submitted to the CUPA. No person may treat HW onsite without submitting notification information sixty (60) days prior to beginning the first treatment of hazardous waste. Chromic acid destruction. CORRECTIVE ACTION: Immediately submit the required hazardous waste treatment notification to the CUPA for review.
Violation Division: Los Angeles County Fire Department
Violation Program: CE
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
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 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, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes: Returned to compliance on 02/22/2019. OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. None available for review. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.
Violation Division: Los Angeles County Fire Department

PROCESS CONTROL LABS (Continued) **S106484436**

Violation Program: PBR
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: OBSERVATION: 1x cubic yard box and 1x55 gal drums of filter cake with heavy metals and 1x55 gal drum of filter cartridges with cyanide located in the shop and hazardous waste containment area was observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017
Citation: 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)
Violation Description: Failure to adjust Closure Costs for inflation / deflation by March 1st
Violation Notes: Returned to compliance on 02/22/2019. OBSERVATION: An adjustment for the written closure cost estimate was not submitted to the CERS by March 1 of each year. The Owner/Operator or Generator shall adjust the closure cost estimate for inflation by March 1 of each year. CORRECTIVE ACTION: Submit the adjusted written closure cost estimate to the CERS.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description: Failure to meet secondary containment requirements for hazardous waste tank systems or components.
Violation Notes: OBSERVATION: The Owner/Operator failed to meet the requirements for designing, installing and operating a secondary containment system for the HW tank system. An Owner/Operator shall design, install and operate a secondary containment system to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the HW tank system. Filter press on a cart and not within a secondary containment. Treatment tank not fully within secondary containment CORRECTIVE ACTION: A plan for designing, installing and/or modifying to meet the requirements and operating a HW tank secondary containment system must be submitted to the CUPA for review.

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Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Failed to properly label all hazardous waste containers.
Violation Division: Burbank Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
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: Not reported
Violation Division: Burbank Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017
Citation: 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)
Violation Description: Failure to adjust Closure Costs for inflation / deflation by March 1st.
Violation Notes: Returned to compliance on 02/22/2019. OBSERVATION: An adjustment for the written closure cost estimate was not submitted to the CERS by March 1 of each year. The Owner/Operator or Generator shall adjust the closure cost estimate for inflation by March 1 of each year. CORRECTIVE ACTION: Submit the adjusted written closure cost estimate to the CERS.
Violation Division: Los Angeles County Fire Department
Violation Program: CA
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.
Violation Notes: OBSERVATION: 1x cubic yard box and 2x55 gal drums of filter cake with heavy metals located in the shop bay was observed WITH AN ACCUMULATED START DATE OF 11/20/18 and dated in 2017 and a manifest/receipt demonstrating disposal within the past 90 days was not available. CORRECTIVE ACTION: Dispose of 1x cubic yard box and 2x55 gal drums of

PROCESS CONTROL LABS (Continued) **S106484436**

filter cake with heavy metals and submit a copy of the manifest/receipt to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept, treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA.
Violation Notes: OBSERVATION: The owner or operator failed to obtain a permit to treat HW. No owner or operator of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site shall accept, treat, store, or dispose of HW at the facility, area, or site, unless the owner or operator holds a HW facilities permit or other grant of authorization from the DTSC to use and operate the facility, area, or site, or the owner or operator is operating under a permit-by-rule pursuant to the DTSC's regulations, or a grant of conditional authorization or conditional exemption pursuant to this chapter. No permit for cyanide rinse water treatment, tank BT#02. CORRECTIVE ACTIONS: Immediately obtain a permit to treat HW by permit-by-rule, conditional authorization, or conditional exemption for this facility issued from the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept, treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA.
Violation Notes: OBSERVATION: The owner or operator failed to obtain a permit to treat HW. No owner or operator of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site shall accept, treat, store, or dispose of HW at the facility, area, or site, unless the owner or operator holds a HW facilities permit or other grant of authorization from the DTSC to use and operate the facility, area, or site, or the owner or operator is operating under a permit-by-rule pursuant to the DTSC's regulations, or a grant of conditional authorization or conditional exemption pursuant to this chapter. No permit for chromic acid destruction, tank BT#03. CORRECTIVE ACTIONS: Immediately obtain a permit to treat HW by permit-by-rule, conditional authorization, or conditional exemption

PROCESS CONTROL LABS (Continued) **S106484436**

for this facility issued from the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: CE
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: 22 CCR 45 67450.11(d)(4)(A),67450.11(d)(4)(B)(C) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.11(d)(4)(A),67450.11(d)(4)(B)(C)
Violation Description: Failure of the owners or operators treating cyanide waste solutions to implement best management practices (BMP) to reduce waste generation, and minimize or eliminate releases to work areas and the environment.
Violation Notes: OBSERVATION: The owners or operators of the treatment unit failed to reduce the generation of cyanide-containing wastes. The owners or operators of all sites or facilities subject to subsection (d) shall implement the following to reduce waste generation and minimize or eliminate releases to work areas and the environment: use holding racks and/or drain boards between all process and rinse tanks to contain plating drag-out, rinse solution drag-out, and return drag-out solutions to process tanks, use countercurrent rinsing to reduce water use and wastewater generation when multiple sequential rinse tanks are used, at a minimum, every four (4) years, review the use of cyanide-containing process baths to determine if a non-cyanide alternative with equivalent results is available as part of: the Source Reduction Evaluation Review and Plan pursuant to HSC section 25244.19, an Environmental Management System or an environmental performance evaluation plan. Provide initial and [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Hazmat inspection completed. (4) HMRRP violations noted.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros

PROCESS CONTROL LABS (Continued) **S106484436**

Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros granted consent to inspect
Eval Division: Los Angeles County Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: CE
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-10-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS submittal has not been submitted for the FY 2014-15
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: CE
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS

PROCESS CONTROL LABS (Continued) **S106484436**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-04-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspection by K. Kacmar. No HMRRP violations.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 58913
Site Name: PROCESS CONTROL LABS
Site Address: 2520 N. ONTARIO ST. #D
Site City: BURBANK
Site Zip: 91504
Enf Action Date: 08-24-2015
Enf Action Type: Referral to County Council or City Attorney
Enf Action Description: Referral to County Council or City Attorney
Enf Action Notes: Fines/Penalties Assessed: $485.00.
Enf Action Division: Burbank Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Site Address: 2520 N. ONTARIO ST. #D
Site City: BURBANK
Site Zip: 91504
Enf Action Date: 09-04-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department
Enf Action Program: PBR
Enf Action Source: CERS

Coordinates:
Site ID: 58913

PROCESS CONTROL LABS (Continued) **S106484436**

Facility Name: PROCESS CONTROL LABS
Env Int Type Code: HWG
Program ID: 10229716
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.197850
Longitude: -118.344040

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Javier Oliveros
Entity Title: MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: LARRY MOORE - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
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: 2520 ONTARIO ST #D
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91504
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: PROCESS CONTROL LAB
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported

PROCESS CONTROL LABS (Continued) **S106484436**

Affiliation Phone: (818) 840-8056

Affiliation Type Desc: Environmental Contact
Entity Name: JAVIER OLIVEROS
Entity Title: Not reported
Affiliation Address: 2520 NO. ONTARIO ST. #D
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91504
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Guillermo Oliveros
Entity Title: Not reported
Affiliation Address: 2520 ONTARIO ST
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91502
Affiliation Phone: (818) 840-8056

Affiliation Type Desc: Parent Corporation
Entity Name: PROCESS CONTROL LABS
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: PROCESS CONTROL LABS
Address: 2520 N. ONTARIO ST. #D
City,State,Zip: BURBANK, CA 91504
Site ID: 58913
CERS ID: SL603798607
CERS Description: Cleanup Program Site

Violations:
Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: General Housekeeping. The work space needs to be maintained in such a way as to ensure all residue is removed from under floor grates at the end of each work day. This clean-up will be on-going with follow-up inspections as needed.
Violation Division: Burbank Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017

PROCESS CONTROL LABS (Continued) **S106484436**

Citation:	22 CCR 45 67450.11(d)(7)(E) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.11(d)(7)(E)
Violation Description:	Failure to maintain the required documents at the facility for a minimum of three years from the last date of any activity and made available to authorized representatives of the Department, the CUPA, or the U.S. EPA.
Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: The Owner/Operator failed to maintain cyanide treatment records at the facility for three years. Owners or Operators shall ensure that the following records are maintained at the facility for a minimum of three years from the last date of any activity: written approval from the agency operating the POTW receiving the facility's discharges, a written method documented in the waste analysis plan for ensuring that the concentration of total cyanide does not exceed 5000 milligrams per liter in the aqueous waste resulting from mixing, and documentation that the residual solids generated by treatment have been sent offsite for metals recovery or reclamation, or determined to be not amendable for recycling. CORRECTIVE ACTIONS: Ensure that the cyanide treatment records, as listed in this section, are maintained at the facility for a minimum of three years. Submit copies of supporting documentation that demonstrates compliance with this requirement to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	PBR
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
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 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, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes:	OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CE
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
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 in the engineer's assessment, whichever is less. This assessment

PROCESS CONTROL LABS (Continued) **S106484436**

applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.

Violation Notes: OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.
Violation Division: Los Angeles County Fire Department
Violation Program: CA
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017
Citation: HSC 6.5 25201.5(d)(6) - California Health and Safety Code, Chapter 6.5, Section(s) 25201.5(d)(6)
Violation Description: Failure of the generator to prepare and maintain onsite, for a period of three years, the following: (1) adequate records to demonstrate compliance with all applicable pretreatment standards and discharge requirements issued by the agency operating the POTW; (2) records of the dates, concentrations, amounts, and types of waste treated; and (3) written operating instructions.
Violation Notes: Returned to compliance on 02/22/2019. OBSERVATION: Records for conducting hazardous waste treatment were not maintained onsite for three years. No records of Chrome reduction waste treatment. CORRECTIVE ACTION: Begin maintaining records for hazardous waste treatment and ensure that they are kept onsite for three years. Submit copies of these records to the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: CE
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes: OBSERVATION: Daily inspections of the Holding tank of neutralized waste prior to filter press tank system have not been conducted and documented. CORRECTIVE ACTION: Submit documentation to the CUPA demonstrating that the Holding tank of neutralized waste prior to filter press tank system is being properly inspected and documented.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017

PROCESS CONTROL LABS (Continued) **S106484436**

Citation:	22 CCR 45 67450.2(c)(10) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(c)(10)
Violation Description:	Failure of the owner or operator of a fixed treatment unit (FTU), upon request by the CUPA or authorized agency, to prepare, and submit to CUPA a complete annual report detailing treatment activities conducted during the calendar year preceding the request.
Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: Annual Report information was not submitted to the CERS. The Owner/Operator of a FTU shall submit an Annual Report which includes all of the required information listed in this section. CORRECTIVE ACTION: Immediately submit the required Annual Report information to the CERS.
Violation Division:	Los Angeles County Fire Department
Violation Program:	PBR
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	09-14-2017
Citation:	HSC 6.5 25200.3(e) - California Health and Safety Code, Chapter 6.5, Section(s) 25200.3(e)
Violation Description:	Failure to submit the signature page for the onsite treatment notification.
Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: A notification for treating hazardous waste onsite has not been submitted to the CUPA. No person may treat hazardous waste onsite without submitting notification sixty (60) days prior to beginning the first treatment of hazardous waste. Hydrochloric acid neutralization. CORRECTIVE ACTION: Immediately submit the required hazardous waste treeatment notification to the CUPA for review.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CA
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	22 CCR 45 67450.11(d)(3) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.11(d)(3)
Violation Description:	Failure of the generator to meet the specified requirement while treating cyanide waste solutions under Permit by Rule.
Violation Notes:	OBSERVATION: The Generator failed to meet all of the requirements for treating cyanide-containing aqueous wastes. The Generator shall: treat HW that is generated onsite, the treatment of the waste is not regulated under RCRA, the waste is not reactive pursuant to section 66261.23 or extremely hazardous pursuant to sections 66261.107 or 66261.110, the HW is hazardous because it contains cyanide or a combination of cyanide and metals, the treatment is conducted solely for the purpose of treating cyanide-containing wastes. The only treatment technologies used are the ones listed in this section for the waste stream(s) eligible to be treated, the treatment is only conducted for the purpose of treating eligible constituent(s), all treatment is conducted in tanks or containers and all discharges to air comply with federal, state, and local air pollution control requirements. Cyanide-containing wastes eligible for treatment are: aqueous wastes generated by rinsing work pieces and [Truncated]
Violation Division:	Los Angeles County Fire Department
Violation Program:	PBR

PROCESS CONTROL LABS (Continued) **S106484436**

Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept, treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA.
Violation Notes: OBSERVATION: The owner or operator failed to obtain a permit to treat HW. No owner or operator of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site shall accept, treat, store, or dispose of HW at the facility, area, or site, unless the owner or operator holds a HW facilities permit or other grant of authorization from the DTSC to use and operate the facility, area, or site, or the owner or operator is operating under a permit-by-rule pursuant to the DTSC's regulations, or a grant of conditional authorization or conditional exemption pursuant to this chapter. No permit for acid neutralization, tank BT#01. CORRECTIVE ACTIONS: Immediately obtain a permit to treat HW by permit-by-rule, conditional authorization, or conditional exemption for this facility issued from the CUPA.
Violation Division: Los Angeles County Fire Department
Violation Program: CA
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: OBSERVATION:1x55 gal acid filter cake solids was observed stored with nitric acid, peroxide, and alkaline solids in the hazardous waste and materials storage area. CORRECTIVE ACTION: Submit photos/documentation to the CUPA demonstrating the multiple hazard class waste and materials has been properly segregated, removed and managed.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
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.

PROCESS CONTROL LABS (Continued) **S106484436**

Violation Notes: Not reported
Violation Division: Burbank Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-04-2014
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Description: Failure of the new hazardous waste tank assessment to include all of the following information: 1) Tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons); 2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information; A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions. 3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the age); 4) Description and evaluation of any leak detection equipment; 5) Description and evaluation of any corrosion protection equipment, devices, or material; 6) Description and evaluation of any spill prevention or overfill equipment; 7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193(f); 8) Hazardous characteristics of the waste(s) that have been or will be handled; 9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection: A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank syste
Violation Notes: Returned to compliance on 09/14/2017. Tank certs required OBSERVATION: The Owner/Operator failed to prepare a complete hazardous waste tank system assessment that includes all of the required information listed in this section. The hazardous waste tank system assessment shall also be kept on file at the facility. CORRECTIVE ACTION: Immediately prepare/revise the hazardous waste tank system assessment to include all of the required information according to this section. Submit a copy of the revised hazardous waste tank system assessment to CERS and maintain a copy on file at the facility.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017

PROCESS CONTROL LABS (Continued) **S106484436**

Citation:	HSC 6.5 25201.5(d)(5) - California Health and Safety Code, Chapter 6.5, Section(s) 25201.5(d)(5)
Violation Description:	Failure to prepare, implement, and maintain onsite, for three years at the facility, a treatment system inspection program and log of inspections conducted.
Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: Records for scheduling and logging inspections for the hazardous waste treatment system were not maintained onsite for three years. CORRECTIVE ACTION: Begin maintaining records for scheduling and logging inspections for the hazardous waste treatment system and ensure that they are kept onsite for three years. Submit copies of these records and inspections to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CE
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
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 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, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes:	OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.
Violation Division:	Los Angeles County Fire Department
Violation Program:	PBR
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	09-14-2017
Citation:	22 CCR 45 67450.2(b)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.2(b)(2)
Violation Description:	Failure to submit the signature page for the onsite treatment notification.
Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: A notification for treating hazardous waste onsite has not been submitted to the CUPA. No person may treat hazardous waste onsite without submitting notification sixty (60) days prior to beginning the first treatment of hazardous waste. Cyanide rinse water destruction. CORRECTIVE ACTION: Immediately submit the required Hazardous Waste Treatment notification to the CUPA for review and authorization to operate.
Violation Division:	Los Angeles County Fire Department
Violation Program:	PBR
Violation Source:	CERS

PROCESS CONTROL LABS (Continued) **S106484436**

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 12-10-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/21/2015.
Violation Division: Burbank Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
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 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, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes: Returned to compliance on 02/22/2019. OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. The acid neuatralization filter press not assessed. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.
Violation Division: Los Angeles County Fire Department
Violation Program: CA
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-04-2014
Citation: HSC 6.5 25250.7 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.7
Violation Description: Failure to handle contaminated used oil (other than minimal amounts of vehicle fuel) as a hazardous waste.
Violation Notes: Returned to compliance on 09/04/2014. Manager had started CERS submission but was unable to submit because TP forms were not populating properly. CERS submitted during inspection.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22,

PROCESS CONTROL LABS (Continued) **S106484436**

	Chapter 45, Section(s) 67450.3(c)(9)(F)
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 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, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank system, as stated in the engineer's assessment, whichever is less. No tank assessment for Chrome reduction tank. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CE
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	09-14-2017
Citation:	HSC 6.5 25201.5(d)(7) - California Health and Safety Code, Chapter 6.5, Section(s) 25201.5(d)(7)
Violation Description:	Failure to submit the signature page for the onsite treatment notification.
Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: A notification for treating HW onsite has not been submitted to the CUPA. No person may treat HW onsite without submitting notification information sixty (60) days prior to beginning the first treatment of hazardous waste. Chromic acid destruction. CORRECTIVE ACTION: Immediately submit the required hazardous waste treatment notification to the CUPA for review.
Violation Division:	Los Angeles County Fire Department
Violation Program:	CE
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	09-14-2017
Citation:	22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
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 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, and tank systems authorized under Permit-by-Rule, Conditional Authorization, and Conditional Exemption or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes:	Returned to compliance on 02/22/2019. OBSERVATION: Owner/Operator failed to obtain assessment or reassessment every five (5) years or the remaining service life of the hazardous waste treatment tank

PROCESS CONTROL LABS (Continued) **S106484436**

system, as stated in the engineer's assessment, whichever is less. None available for review. CORRECTIVE ACTION: Obtain assessment or reassessment of the hazardous waste treatment tank system pursuant to 22 CCR 66265.192, completed by a professional engineer.

Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: OBSERVATION: 1x cubic yard box and 1x55 gal drums of filter cake with heavy metals and 1x55 gal drum of filter cartridges with cyanide located in the shop and hazardous waste containment area was observed open. CORRECTIVE ACTION: Submit photos to the CUPA demonstrating that the container listed above has been properly closed.
Violation Division: Los Angeles County Fire Department
Violation Program: HWLQG
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017
Citation: 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)
Violation Description: Failure to adjust Closure Costs for inflation / deflation by March 1st
Violation Notes: Returned to compliance on 02/22/2019. OBSERVATION: An adjustment for the written closure cost estimate was not submitted to the CERS by March 1 of each year. The Owner/Operator or Generator shall adjust the closure cost estimate for inflation by March 1 of each year. CORRECTIVE ACTION: Submit the adjusted written closure cost estimate to the CERS.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: 22 CCR 45 67450.3(c)(9)(F) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.3(c)(9)(F)
Violation Description: Failure to meet secondary containment requirements for hazardous waste tank systems or components.
Violation Notes: OBSERVATION: The Owner/Operator failed to meet the requirements for designing, installing and operating a secondary containment system for the HW tank system. An Owner/Operator shall design, install and operate a secondary containment system to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the HW tank

PROCESS CONTROL LABS (Continued) **S106484436**

system. Filter press on a cart and not within a secondary containment. Treatment tank not fully within secondary containment CORRECTIVE ACTION: A plan for designing, installing and/or modifying to meet the requirements and operating a HW tank secondary containment system must be submitted to the CUPA for review.
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Failed to properly label all hazardous waste containers.
Violation Division: Burbank Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
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: Not reported
Violation Division: Burbank Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 09-14-2017
Citation: 22 CCR 45 67450.13(a)(2) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.13(a)(2)
Violation Description: Failure to adjust Closure Costs for inflation / deflation by March 1st.
Violation Notes: Returned to compliance on 02/22/2019. OBSERVATION: An adjustment for the written closure cost estimate was not submitted to the CERS by March 1 of each year. The Owner/Operator or Generator shall adjust the closure cost estimate for inflation by March 1 of each year. CORRECTIVE ACTION: Submit the adjusted written closure cost estimate to the CERS.
Violation Division: Los Angeles County Fire Department
Violation Program: CA
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description: Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.

PROCESS CONTROL LABS (Continued) **S106484436**

Violation Notes:	OBSERVATION: 1x cubic yard box and 2x55 gal drums of filter cake with heavy metals located in the shop bay was observed WITH AN ACCUMULATED START DATE OF 11/20/18 and dated in 2017 and a manifest/receipt demonstrating disposal within the past 90 days was not available. CORRECTIVE ACTION: Dispose of 1x cubic yard box and 2x55 gal drums of filter cake with heavy metals and submit a copy of the manifest/receipt to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HWLQG
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description:	Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept, treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA.
Violation Notes:	OBSERVATION: The owner or operator failed to obtain a permit to treat HW. No owner or operator of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site shall accept, treat, store, or dispose of HW at the facility, area, or site, unless the owner or operator holds a HW facilities permit or other grant of authorization from the DTSC to use and operate the facility, area, or site, or the owner or operator is operating under a permit-by-rule pursuant to the DTSC's regulations, or a grant of conditional authorization or conditional exemption pursuant to this chapter. No permit for cyanide rinse water treatment, tank BT#02. CORRECTIVE ACTIONS: Immediately obtain a permit to treat HW by permit-by-rule, conditional authorization, or conditional exemption for this facility issued from the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	PBR
Violation Source:	CERS
Site ID:	58913
Site Name:	PROCESS CONTROL LABS
Violation Date:	02-22-2019
Citation:	HSC 6.5 25201(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25201(a)
Violation Description:	Failure of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site to accept, treat, store, or dispose of a hazardous waste at the facility, area, or site, without a hazardous waste facilities permit or other grant of authorization from the department, or a permit-by-rule, conditional authorization, or conditional exemption permit from the CUPA.
Violation Notes:	OBSERVATION: The owner or operator failed to obtain a permit to treat HW. No owner or operator of a storage facility, treatment facility, transfer facility, resource recovery facility, or disposal site shall accept, treat, store, or dispose of HW at the facility, area, or site, unless the owner or operator holds a HW facilities permit or other grant of authorization from the DTSC to use and operate the facility, area, or site, or the owner or operator is operating under a

PROCESS CONTROL LABS (Continued) **S106484436**

permit-by-rule pursuant to the DTSC's regulations, or a grant of conditional authorization or conditional exemption pursuant to this chapter. No permit for chromic acid destruction, tank BT#03. CORRECTIVE ACTIONS: Immediately obtain a permit to treat HW by permit-by-rule, conditional authorization, or conditional exemption for this facility issued from the CUPA.

Violation Division: Los Angeles County Fire Department
Violation Program: CE
Violation Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Violation Date: 02-22-2019
Citation: 22 CCR 45 67450.11(d)(4)(A),67450.11(d)(4)(B)(C) - California Code of Regulations, Title 22, Chapter 45, Section(s) 67450.11(d)(4)(A),67450.11(d)(4)(B)(C)
Violation Description: Failure of the owners or operators treating cyanide waste solutions to implement best management practices (BMP) to reduce waste generation, and minimize or eliminate releases to work areas and the environment.
Violation Notes: OBSERVATION: The owners or operators of the treatment unit failed to reduce the generation of cyanide-containing wastes. The owners or operators of all sites or facilities subject to subsection (d) shall implement the following to reduce waste generation and minimize or eliminate releases to work areas and the environment: use holding racks and/or drain boards between all process and rinse tanks to contain plating drag-out, rinse solution drag-out, and return drag-out solutions to process tanks, use countercurrent rinsing to reduce water use and wastewater generation when multiple sequential rinse tanks are used, at a minimum, every four (4) years, review the use of cyanide-containing process baths to determine if a non-cyanide alternative with equivalent results is available as part of: the Source Reduction Evaluation Review and Plan pursuant to HSC section 25244.19, an Environmental Management System or an environmental performance evaluation plan. Provide initial and [Truncated]
Violation Division: Los Angeles County Fire Department
Violation Program: PBR
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Hazmat inspection completed. (4) HMRRP violations noted.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: PBR
Eval Source: CERS

PROCESS CONTROL LABS (Continued) **S106484436**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros granted consent to inspect
Eval Division: Los Angeles County Fire Department
Eval Program: PBR
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: CE
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 12-10-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS submittal has not been submitted for the FY 2014-15
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: CE
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2017
Violations Found: Yes

PROCESS CONTROL LABS (Continued) **S106484436**

Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: CA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-04-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspection by K. Kacmar. No HMRRP violations.
Eval Division: Burbank Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-22-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: HWLQG
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-04-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Javier Oliveros
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 58913
Site Name: PROCESS CONTROL LABS
Site Address: 2520 N. ONTARIO ST. #D
Site City: BURBANK
Site Zip: 91504
Enf Action Date: 08-24-2015
Enf Action Type: Referral to County Council or City Attorney
Enf Action Description: Referral to County Council or City Attorney
Enf Action Notes: Fines/Penalties Assessed: $485.00.
Enf Action Division: Burbank Fire Department
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 58913
Site Name: PROCESS CONTROL LABS
Site Address: 2520 N. ONTARIO ST. #D
Site City: BURBANK
Site Zip: 91504
Enf Action Date: 09-04-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Los Angeles County Fire Department

PROCESS CONTROL LABS (Continued) **S106484436**

Enf Action Program: PBR
Enf Action Source: CERS

Coordinates:
Site ID: 58913
Facility Name: PROCESS CONTROL LABS
Env Int Type Code: HWG
Program ID: 10229716
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.197850
Longitude: -118.344040

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Onsite Treatment Unit Owner Operator
Entity Name: Javier Oliveros
Entity Title: MANAGER
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: LARRY MOORE - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
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: 2520 ONTARIO ST #D
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91504
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: PROCESS CONTROL LAB

PROCESS CONTROL LABS (Continued) **S106484436**

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:	(818) 840-8056
Affiliation Type Desc:	Environmental Contact
Entity Name:	JAVIER OLIVEROS
Entity Title:	Not reported
Affiliation Address:	2520 NO. ONTARIO ST. #D
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91504
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Guillermo Oliveros
Entity Title:	Not reported
Affiliation Address:	2520 ONTARIO ST
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91502
Affiliation Phone:	(818) 840-8056
Affiliation Type Desc:	Parent Corporation
Entity Name:	PROCESS CONTROL LABS
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

AD120 **CRANE AEROSPACE HYDRO-AIRE DIVISION** **RCRA-LQG** **1000366472**
NE **3000 WINONA AVE** **CA AST** **CAD008388720**
1/2-1 **BURBANK, CA 91504** **CA HWP**
0.532 mi. **CA CERS**
2809 ft. **Site 1 of 2 in cluster AD**

Relative:
Higher

Actual:
675 ft.

RCRA-LQG:

Date form received by agency:	2016-06-10 00:00:00.0
Facility name:	CRANE AEROSPACE HYDRO-AIRE DIVISION
Facility address:	3000 WINONA AVE BURBANK, CA 91504
EPA ID:	CAD008388720
Mailing address:	WINONA AVE BURBANK, CA 91504
Contact:	KABRINA V ROMO
Contact address:	WINONA AVE BURBANK, CA 91504
Contact country:	US
Contact telephone:	818-526-2604

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

Contact email: KABRINA.ROMO@CRANEAE.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: CRANE AEROSPACE & ELECTRONICS
Owner/operator address: FIRST STAMFORD PLACE
STAMFORD, CT 06902
Owner/operator country: US
Owner/operator telephone: 818-526-2600
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: 1999-01-01 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: HYDRO-AIRE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 1951-01-01 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

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

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: 2014-03-01 00:00:00.0
Site name: CRANE AEROSPACE HYDRO-AIRE DIVISION
Classification: Large Quantity Generator

Date form received by agency: 2012-03-16 00:00:00.0
Site name: CRANE AEROSPACE HYDRO-AIRE DIVISION
Classification: Large Quantity Generator

Date form received by agency: 2010-06-01 00:00:00.0
Site name: CRANE AEROSPACE HYDRO-AIRE DIVISION
Classification: Large Quantity Generator

Date form received by agency: 2004-03-01 00:00:00.0
Site name: HYDRO - AIRE, INC.
Classification: Large Quantity Generator

Date form received by agency: 2004-03-01 00:00:00.0
Site name: HYDRO - AIRE, INC.
Classification: Small Quantity Generator

Date form received by agency: 2002-02-28 00:00:00.0
Site name: HYDRO-AIRE
Classification: Large Quantity Generator

Date form received by agency: 2000-10-12 00:00:00.0
Site name: HYDRO-AIRE
Classification: Large Quantity Generator

Date form received by agency: 1999-03-04 00:00:00.0
Site name: HYDRO - AIRE
Classification: Large Quantity Generator

Date form received by agency: 1996-09-01 00:00:00.0
Site name: HYDRO-AIRE DIVISION, CRANE CO.
Classification: Large Quantity Generator

Date form received by agency: 1996-02-20 00:00:00.0
Site name: HYDRO-AIRE DIV CRANE CO
Classification: Large Quantity Generator

Date form received by agency: 1994-03-08 00:00:00.0
Site name: HYDRO-AIRE DIVISION CRANE
Classification: Large Quantity Generator

Date form received by agency: 1992-02-20 00:00:00.0
Site name: HYDRO-AIRE DIVISION, CRANE CO.
Classification: Large Quantity Generator

Date form received by agency: 1980-08-14 00:00:00.0
Site name: HYDRO-AIRE DIVISION, CRANE CO.
Classification: Large Quantity Generator

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

Hazardous Waste Summary:

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

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

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

. Waste code: 213
. Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

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

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

. Waste code: 341
. Waste name: Organic liquids (nonsolvents) with halogens

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 513
. Waste name: Empty containers less than 30 gallons

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

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

. Waste code: 792
. Waste name: Liquids with pH < 2 with metals

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D011
. Waste name: SILVER

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

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. 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

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F007
. Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

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

. Waste code: U122
. Waste name: FORMALDEHYDE

. Waste code: U220
. Waste name: BENZENE, METHYL- (OR) TOLUENE

. Waste code: U226
. Waste name: ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

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): 24183

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): 8215

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 8300

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 11171

Waste code: D008
Waste name: LEAD
Amount (Lbs): 935

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 36

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

Waste code: D011
Waste name: SILVER
Amount (Lbs): 41

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 20699

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): 24047

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 24047

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 2007-04-25 00:00:00.0
Date achieved compliance: 2007-04-25 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 2007-04-25 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 - 273.30-40
Area of violation: Universal Waste - Large Quantity Handlers
Date violation determined: 2001-12-07 00:00:00.0
Date achieved compliance: 2002-08-09 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 2002-05-20 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - GCP
Area of violation: Generators - Pre-transport
Date violation determined: 2001-12-07 00:00:00.0
Date achieved compliance: 2002-08-09 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 2002-01-22 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: F - GCP
Area of violation: Generators - Pre-transport
Date violation determined: 2001-12-07 00:00:00.0
Date achieved compliance: 2002-08-09 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 2002-05-20 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: F - 273.30-40
Area of violation: Universal Waste - Large Quantity Handlers
Date violation determined: 2001-12-07 00:00:00.0
Date achieved compliance: 2002-08-09 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 2002-01-22 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: F - GST
Area of violation: Generators - Pre-transport
Date violation determined: 2001-12-07 00:00:00.0
Date achieved compliance: 2002-08-09 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 2002-01-22 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - GST
Area of violation: Generators - Pre-transport
Date violation determined: 2001-12-07 00:00:00.0
Date achieved compliance: 2002-08-09 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 2002-05-20 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: F - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 1997-03-27 00:00:00.0
Date achieved compliance: 1997-08-14 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1997-03-27 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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 1997-03-27 00:00:00.0
Date achieved compliance: 1997-08-14 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1997-07-16 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: 20000
Paid penalty amount: 20000

Regulation violated: F - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 1997-03-21 00:00:00.0
Date achieved compliance: 1997-08-14 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1997-03-21 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

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

Paid penalty amount: Not reported

Regulation violated: F - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 1997-03-21 00:00:00.0
Date achieved compliance: 1997-08-14 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1997-03-21 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 - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 1997-03-21 00:00:00.0
Date achieved compliance: 1997-08-14 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1997-03-21 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 - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 1997-03-21 00:00:00.0
Date achieved compliance: 1997-08-14 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1997-03-27 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 - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 1997-03-21 00:00:00.0
Date achieved compliance: 1997-08-14 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1997-07-16 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: 20000
Paid penalty amount: 20000

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 1997-03-21 00:00:00.0
Date achieved compliance: 1997-08-14 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1997-07-16 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: 20000
Paid penalty amount: 20000

Regulation violated: F - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 1997-03-21 00:00:00.0
Date achieved compliance: 1997-08-14 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1997-07-16 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: 20000
Paid penalty amount: 20000

Regulation violated: F - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 1997-03-21 00:00:00.0
Date achieved compliance: 1997-08-14 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1997-07-16 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: 20000
Paid penalty amount: 20000

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 1994-07-20 00:00:00.0
Date achieved compliance: 1994-08-09 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1994-07-28 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1900
Final penalty amount: 1400
Paid penalty amount: 1400

Regulation violated: FR - 262.20-23.B

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

Area of violation: Generators - General
Date violation determined: 1994-07-20 00:00:00.0
Date achieved compliance: 1994-08-09 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1994-07-28 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1900
Final penalty amount: 1400
Paid penalty amount: 1400

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 1994-07-20 00:00:00.0
Date achieved compliance: 1994-08-09 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1994-07-28 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 1900
Final penalty amount: 1400
Paid penalty amount: 1400

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 1986-02-18 00:00:00.0
Date achieved compliance: 1987-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: NON-FINANCIAL RECORD REVIEW
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: 2007-04-25 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: Generators - General
Date achieved compliance: 2007-04-25 00:00:00.0
Evaluation lead agency: State

Evaluation date: 2001-12-07 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: Universal Waste - Large Quantity Handlers
Date achieved compliance: 2002-08-09 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 2001-12-07 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: Generators - Pre-transport

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

Date achieved compliance: 2002-08-09 00:00:00.0
Evaluation lead agency: EPA

Evaluation date: 1997-03-21 00:00:00.0
Evaluation: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Area of violation: Generators - General
Date achieved compliance: 1997-08-14 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1997-03-21 00:00:00.0
Evaluation: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Area of violation: TSD - Financial Requirements
Date achieved compliance: 1997-08-14 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1997-03-21 00:00:00.0
Evaluation: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 1997-08-14 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1997-03-21 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 1997-08-14 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1997-03-21 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Financial Requirements
Date achieved compliance: 1997-08-14 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1997-03-21 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: Generators - General
Date achieved compliance: 1997-08-14 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1994-05-24 00:00:00.0
Evaluation: INITIAL 3008(A) COMPLIANCE
Area of violation: Generators - General
Date achieved compliance: 1994-08-09 00:00:00.0
Evaluation lead agency: State

AST:
Name: CRANE CO/HYDRO-AIRE DIVISION
Address: 3000 WINONA AVE
City/Zip: BURBANK,
Certified Unified Program Agencies: Not reported
Owner: CRANE COMPANY
Total Gallons: Not reported
CERSID: 10152189
Facility ID: LACoFA0030186
Business Name: CRANE CO/HYDRO-AIRE DIVISION
Phone: (818) 526-5705
Fax: (818) 526-2213
Mailing Address: 3000 WINONA AVE

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

Mailing Address City:	BURBANK
Mailing Address State:	CA
Mailing Address Zip Code:	91504
Operator Name:	Stephan Riedel
Operator Phone:	(818) 526-5705
Owner Phone:	(203) 363-7321
Owner Mail Address:	100 First Stambord Place
Owner State:	CT
Owner Zip Code:	6902
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	CAD008388720

HWP:

Name:	CRANE AEROSPACE HYDRO-AIRE DIVISION
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 915042540
EPA Id:	CAD008388720
Cleanup Status:	CLOSED
Latitude:	34.19866
Longitude:	-118.3433
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	Not reported
Supervisor:	PAUL RUFFIN
Site Code:	300431
Assembly District:	43
Senate District:	25
Public Information Officer:	Not reported
Public Information Officer:	Not reported

Activities:

EPA Id:	CAD008388720
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR
Event Description:	New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date:	12/01/1998

EPA Id:	CAD008388720
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR
Event Description:	New Operating Permit - APPLICATION PART A RECEIVED
Actual Date:	10/28/1980

Closure:

EPA Id:	CAD008388720
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR
Event Description:	Closure Final - CLOSURE PLAN RECEIVED
Actual Date:	05/24/2010

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

EPA Id: CAD008388720
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR
Event Description: Closure Final - CLOSURE PLAN APPROVED
Actual Date: 08/15/2011

EPA Id: CAD008388720
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 12/15/2011

EPA Id: CAD008388720
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 09/11/2012

Alias:
EPA Id: CAD008388720
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110000886471

EPA Id: CAD008388720
Facility Type: Historical - Non-Operating
Alias Type: APN
Alias: 2466-012-025

EPA Id: CAD008388720
Facility Type: Historical - Non-Operating
Alias Type: APN
Alias: 2466-013-003

EPA Id: CAD008388720
Facility Type: Historical - Non-Operating
Alias Type: APN
Alias: 2466-013-011

EPA Id: CAD008388720
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 300431

CERS:
Name: CRANE AEROSPACE HYDRO-AIRE DIVISION
Address: 3000 WINONA AVE
City,State,Zip: BURBANK, CA 915042540
Site ID: 198718
CERS ID: CAD008388720
CERS Description: Hazardous Waste

Affiliation:
Affiliation Type Desc: Facility Owner
Entity Name: Crane Co.
Entity Title: Not reported

CRANE AEROSPACE HYDRO-AIRE DIVISION (Continued) **1000366472**

Affiliation Address:	100 FIRST STAMFORD PLACE
Affiliation City:	STAMFORD
Affiliation State:	CT
Affiliation Country:	Not reported
Affiliation Zip:	069020000
Affiliation Phone:	2033637300
Affiliation Type Desc:	Facility Contact
Entity Name:	KABRINA V ROMO
Entity Title:	Not reported
Affiliation Address:	3000 WINONA AVE
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91504
Affiliation Phone:	8185262604

AD121 **CRANE AEROSPACE** **CA RESPONSE** **S102628781**
NE **3000 WINONA AVE** **CA ENVIROSTOR** **N/A**
1/2-1 **BURBANK, CA 91504** **CA LUST**
0.532 mi. **CA CPS-SLIC**
2809 ft. **Site 2 of 2 in cluster AD** **CA Cortese**
CA EMI
Relative: Higher **CA ENF**
CA HAZNET
Actual: 675 ft. **CA HIST CORTESE**
CA NPDES
CA WIP
CA CIWQS
CA CERS
CA HWTS

RESPONSE:

Name:	CRANE CO.
Address:	3000 WINONA AVENUE
City,State,Zip:	BURBANK, CA 91504
Facility ID:	60002807
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	3.7
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Nicholas Ta
Supervisor:	Patrick Hsieh
Division Branch:	Cleanup Cypress
Site Code:	301853
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	Not reported
Senate:	Not reported
Special Program Status:	Not reported
Status:	Active
Status Date:	04/09/2019
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	0
Longitude:	0

CRANE AEROSPACE (Continued) **S102628781**

APN: 2466-013-011
Past Use: NONE SPECIFIED
Potential COC : NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 2466-013-011
Alias Type: APN
Alias Name: 301853
Alias Type: Project Code (Site Code)
Alias Name: 60002807
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/09/2019
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 01/29/2020
Schedule Revised Date: Not reported

ENVIROSTOR:
Name: CRANE CO.
Address: 3000 WINONA AVENUE
City,State,Zip: BURBANK, CA 91504
Facility ID: 60002807
Status: Active
Status Date: 04/09/2019
Site Code: 301853
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 3.7
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Nicholas Ta
Supervisor: Patrick Hsieh
Division Branch: Cleanup Cypress
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 0
Longitude: 0
APN: 2466-013-011
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED

CRANE AEROSPACE (Continued) **S102628781**

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 2466-013-011
Alias Type: APN
Alias Name: 301853
Alias Type: Project Code (Site Code)
Alias Name: 60002807
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/09/2019
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 01/29/2020
Schedule Revised Date: Not reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 104.0315
Status: Remedial action (cleanup) Underway
Substance: Solvents
Substance Quantity: Not reported
Local Case No: 2040044
Case Type: Specific tank leak that has contaminated an aquifer used for drinking water
Abatement Method Used at the Site: Not reported
Global ID: T0603700142
W Global ID: Not reported
Staff: MZ
Local Agency: 19007
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: Not reported
Date Leak First Reported: 11/18/1983
Date Leak Record Entered: 12/31/1986
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 6/4/1998
Date the Case was Closed: Not reported
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: OLD CASE #915040016
Water System: Not reported
Well Name: Not reported

CRANE AEROSPACE (Continued) **S102628781**

Approx. Dist To Production Well (ft):	2966.477639033646063794527291
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	12/12/1988
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	6/4/1998
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	BLANK RP
RP Address:	3000 WINONA AVE., BURBANK, CA 91504
Program:	SLIC
Lat/Long:	34.199064 / -1
Local Agency Staff:	DB
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	*CONTAMINATION NOT SIGNIFICANT--16 TANKS REMOVED **AB1803 UNIT II NOW HANDLING

CPS-SLIC:

Name:	CRANE COMPANY
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/30/2005
Global Id:	T0603700142
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.199064
Longitude:	-118.343319
Case Type:	Cleanup Program Site
Case Worker:	LM
Local Agency:	BURBANK, CITY OF
RB Case Number:	104.0315
File Location:	Not reported
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	* Solvents
Site History:	Site has completed site assessment for VOCs and heavy metals. Site received a no further requirements letter for the ongoing heavy metals investiation on March 30, 2005. Presently, the site conducts routing groundwater monitoring.

Click here to access the California GeoTracker records for this facility:

Name: CRANE CO

CRANE AEROSPACE (Continued) **S102628781**

Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA
Region:	STATE
Facility Status:	**Open - Verification Monitoring**
Status Date:	01/01/1998
Global Id:	SL0002040044
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1989184925326
Longitude:	-118.343482017517
Case Type:	Cleanup Program Site
Case Worker:	NLA
Local Agency:	Not reported
RB Case Number:	104.0315
File Location:	Regional Board
Potential Media Affected:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	1,1,1-Trichloroethane (TCA), Dichloroethene (DCE), Tetrachloroethylene (PCE), Trichloroethylene (TCE), Freon, Other CFCs, Chromium, Chromium VI, Other Metal
Site History:	The Hydro-Aire facility is a subsidiary of Crane, a diversified manufacturer of engineered industrial products with operations worldwide. Hydro-Aire has been in operation at this location since 1946 (Hydro-Aire, 1987). Hydro-Aire manufactures aviation and aeronautical equipment at the site. The site encompasses approximately 11 acres in an industrial area of the City of Burbank (Figure 1). Kerr Canning Company used to occupy the site and the adjacent properties were used for agricultural purposes (grape growing). Pursuant to the California Environmental Quality Act (CEQA), the DTSC has prepared a Notice of Exemption (NOE) dated August 15, 2011, which concludes that the project will not have significant effect on the environment and a Land Use Covenant is to be recorded to restrict the property to current industrial/commercial use. Currently, several office and manufacturing buildings occupy the central and northern portions of the property, and paved parking areas are located in the eastern and southern portions of the site. The former plating room and the former wastewater treatment system were located at the south end of Building 1 (Figure 2). Hydro-Aire began electroplating operations at this location in 1951. In February 1985, an automated wastewater treatment system was installed as an integral part of the plating line (Hydro-Aire, 1986). The plating and wastewater treatment operations were discontinued in February 1991. Demolishing of the former plating room and wastewater treatment system components was conducted in 1991 and 2001. The California Regional Water Quality Control Board Los Angeles Region (RWQCB) has been the lead agency for the Hydro-Aire site investigation and remediation work since the 1980s. Significant investigation and remediation work at the site have been completed under the RWQCBs oversight including the former plating room assessments and soil remediation and groundwater monitoring. Concurrently with the RWQCB, the DTSC and City of Burbank have also provided oversight for this project. Detailed descriptions of the former plating room and operations have been provided in reports submitted to the Regioal Board.

Click here to access the California GeoTracker records for this facility:

CRANE AEROSPACE (Continued) **S102628781**

CORTESE:

Name:	CRANE CO.
Address:	3000 WINONA AVENUE
City,State,Zip:	BURBANK, CA 91504
Region:	CORTESE
Envirostor Id:	60002807
Global ID:	Not reported
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE
Status Date:	04/09/2019
Site Code:	301853
Latitude:	0
Longitude:	0
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Haz Waste & Substances Sites

EMI:

Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	92
Reactive Organic Gases Tons/Yr:	12
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:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728

CRANE AEROSPACE (Continued) **S102628781**

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:	70
Reactive Organic Gases Tons/Yr:	23
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:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AV
City,State,Zip:	BURBANK, CA 91504
Year:	1993
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	19
Reactive Organic Gases Tons/Yr:	5
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:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AV
City,State,Zip:	BURBANK, CA 91504
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	19
Reactive Organic Gases Tons/Yr:	5
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:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
Year:	1996
County Code:	19
Air Basin:	SC

CRANE AEROSPACE (Continued) **S102628781**

Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	12
Reactive Organic Gases Tons/Yr:	5
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:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AV
City,State,Zip:	BURBANK, CA 91504
Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	7
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:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AV
City,State,Zip:	BURBANK, CA 91504
Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	9
Reactive Organic Gases Tons/Yr:	7
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:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AV
City,State,Zip:	BURBANK, CA 91504

CRANE AEROSPACE (Continued) **S102628781**

Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	7
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:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AV
City,State,Zip:	BURBANK, CA 91504
Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	7
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:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AV
City,State,Zip:	BURBANK, CA 91504
Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
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:	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

CRANE AEROSPACE (Continued) **S102628781**

Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
Year:	2002
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	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

Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
Year:	2003
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	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

Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
Year:	2004
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
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:	2.7898091
Reactive Organic Gases Tons/Yr:	2.68
Carbon Monoxide Emissions Tons/Yr:	0.105
NOX - Oxides of Nitrogen Tons/Yr:	0.125
SOX - Oxides of Sulphur Tons/Yr:	0.00075

CRANE AEROSPACE (Continued) **S102628781**

Particulate Matter Tons/Yr:	0.0095
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.01
Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
Year:	2006
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.6299174112714052543
Reactive Organic Gases Tons/Yr:	.591
Carbon Monoxide Emissions Tons/Yr:	.011
NOX - Oxides of Nitrogen Tons/Yr:	.011
SOX - Oxides of Sulphur Tons/Yr:	.011
Particulate Matter Tons/Yr:	.011
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.00209
Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
Year:	2007
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.6299174112714052543
Reactive Organic Gases Tons/Yr:	.591
Carbon Monoxide Emissions Tons/Yr:	.011
NOX - Oxides of Nitrogen Tons/Yr:	.011
SOX - Oxides of Sulphur Tons/Yr:	.011
Particulate Matter Tons/Yr:	.011
Part. Matter 10 Micrometers and Smllr Tons/Yr:	.00209
Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91510
Year:	2011
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	6.3169841768
Reactive Organic Gases Tons/Yr:	4.0214325617

CRANE AEROSPACE (Continued) **S102628781**

Carbon Monoxide Emissions Tons/Yr:	0.00447
NOX - Oxides of Nitrogen Tons/Yr:	0.01032
SOX - Oxides of Sulphur Tons/Yr:	7e-005
Particulate Matter Tons/Yr:	0.036913377571
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.035449202468

Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91510
Year:	2012
County Code:	19
Air Basin:	SC
Facility ID:	24756
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:	1.1630731855
Reactive Organic Gases Tons/Yr:	1.149
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.0005
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.00048

Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91510
Year:	2013
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3.5558457334
Reactive Organic Gases Tons/Yr:	3.51282
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00586797
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.0056332512

Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91510
Year:	2014
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported

CRANE AEROSPACE (Continued) **S102628781**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5.1070435884
Reactive Organic Gases Tons/Yr:	4.33691
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00461
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.0044256

Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91510
Year:	2015
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7.6095085102
Reactive Organic Gases Tons/Yr:	6.43196395
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00469465
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.004506864

Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91510
Year:	2016
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC
SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7.5221223739
Reactive Organic Gases Tons/Yr:	6.37
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	0.0056434
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.005417664

Name:	CRANE CO, HYDRO-AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91510
Year:	2017
County Code:	19
Air Basin:	SC
Facility ID:	24756
Air District Name:	SC

CRANE AEROSPACE (Continued) **S102628781**

SIC Code:	3728
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0.9765146723
Reactive Organic Gases Tons/Yr:	0.81554
Carbon Monoxide Emissions Tons/Yr:	Not reported
NOX - Oxides of Nitrogen Tons/Yr:	Not reported
SOX - Oxides of Sulphur Tons/Yr:	Not reported
Particulate Matter Tons/Yr:	0.004514409
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.00433383264

ENF:

Name:	CRANE CO.(HYDRO-AIRE)
Address:	3000 WINONA
City,State,Zip:	BURBANK, CA 91504
Region:	4
Facility Id:	216030
Agency Name:	Crane Co (Hydro-Aire)
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.199266
Place Longitude:	-118.343203
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1040315
Reg Measure Id:	156475
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported

CRANE AEROSPACE (Continued) **S102628781**

Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
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:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	226309
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	11/09/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/09/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1040315
Description:	Not reported
Program:	WIP
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

HAZNET:

Name:	CRANE AEROSPACE
Address:	3000 WINONA AVE
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915042540
Contact:	CRANE AEROSPACE
Telephone:	8185262211
Mailing Name:	Not reported
Mailing Address:	3000 WINONA AVE
Year:	2013

CRANE AEROSPACE (Continued) **S102628781**

Gepaid: CAC002748630
TSD EPA ID: AZC950823111
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 8

Additional Info:
Year: 2013
Gen EPA ID: CAC002748630

Shipment Date: 20131112
Creation Date: 4/7/2014 22:15:17
Receipt Date: 20131118
Manifest ID: 002171137GBF
Trans EPA ID: CAD983655465
Trans Name: ALLIED ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAR000049064
Trans 2 Name: ECTI
TSDF EPA ID: AZC950823111
Trans Name: LA PAZ COUNTY LANDFILL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 151 - Asbestos-containing waste
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.4
Waste Quantity: 1
Quantity Unit: Y
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20131020
Creation Date: 2/22/2014 22:15:18
Receipt Date: 20131031
Manifest ID: 002171100GBF
Trans EPA ID: CAD983655465
Trans Name: ALLIED ENVIRONMENTAL SERVICES
Trans 2 EPA ID: CAR000049064
Trans 2 Name: ECTI
TSDF EPA ID: AZC950823111
Trans Name: LA PAZ COUNTY LANDFILL
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 151 - Asbestos-containing waste
RCRA Code: Not reported
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 2.4
Waste Quantity: 6
Quantity Unit: Y
Additional Code 1: Not reported

CRANE AEROSPACE (Continued) **S102628781**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131019
Creation Date:	2/22/2014 22:15:18
Receipt Date:	20131031
Manifest ID:	002171088GBF
Trans EPA ID:	CAD983655465
Trans Name:	ALLIED ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000049064
Trans 2 Name:	ECTI
TSDF EPA ID:	AZC950823111
Trans Name:	LA PAZ COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	5.2
Waste Quantity:	13
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

HIST CORTESE:

edr_fname:	CRANE COMPANY
edr_fadd1:	3000 WINONA
City,State,Zip:	BURBANK, CA 91504
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	104.0315

NPDES:

Name:	CRANE CO HYDRO AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	189228
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19I003750
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/06/1992
Termination Date Of Regulatory Measure:	Not reported

CRANE AEROSPACE (Continued) **S102628781**

Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	3000 Winona Ave
Discharge Name:	Crane Aerospace Electronics
Discharge City:	Burbank
Discharge State:	California
Discharge Zip:	91504
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:	4
Regulatory Measure ID:	189228
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I003750
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:	04/06/1992
Status:	Active
Status Date:	04/06/1992
Place Size:	487000
Place Size Unit:	SqFt
Contact:	Kabrina Romo
Contact Title:	Not reported
Contact Phone:	818-526-2600
Contact Phone Ext:	2604
Contact Email:	Kabrina.Rome@craneae.com
Operator Name:	Crane Aerospace Electronics
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:	Private Individual
Developer:	Not reported
Developer Address:	Not reported

CRANE AEROSPACE (Continued) **S102628781**

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:	818-281-2955
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Los Angeles River
Certifier:	Kabrina Romo
Certifier Title:	EHS Coordinator
Certification Date:	01-JUL-16
Primary Sic:	3728-Aircraft Parts and Auxiliary Equipment, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	189228
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I003750
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/06/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Crane Aerospace Electronics
Discharge Address:	3000 Winona Ave
Discharge City:	Burbank
Discharge State:	California
Discharge Zip:	91504
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported

CRANE AEROSPACE (Continued) **S102628781**

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

Name:	CRANE CO HYDRO AIRE DIV
Address:	3000 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
Facility Status:	Not reported

CRANE AEROSPACE (Continued) **S102628781**

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:	4 19I003750
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:	Active
Status Date:	04/06/1992
Operator Name:	Crane Aerospace Electronics
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:	4
Regulatory Measure ID:	189228
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I003750
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:	04/06/1992
Status:	Active
Status Date:	04/06/1992
Place Size:	487000
Place Size Unit:	SqFt
Contact:	Kabrina Romo
Contact Title:	Not reported
Contact Phone:	818-526-2600
Contact Phone Ext:	2604
Contact Email:	Kabrina.Rome@craneae.com
Operator Name:	Crane Aerospace Electronics

CRANE AEROSPACE (Continued) **S102628781**

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:	Private Individual
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:	818-281-2955
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Los Angeles River
Certifier:	Kabrina Romo
Certifier Title:	EHS Coordinator
Certification Date:	01-JUL-16
Primary Sic:	3728-Aircraft Parts and Auxiliary Equipment, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	189228
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I003750
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/06/1992

CRANE AEROSPACE (Continued) **S102628781**

Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Crane Aerospace Electronics
Discharge Address:	3000 Winona Ave
Discharge City:	Burbank
Discharge State:	California
Discharge Zip:	91504
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
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported

CRANE AEROSPACE (Continued) **S102628781**

Certifier: Not reported
Certifier Title: Not reported
Certification Date: Not reported
Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

WIP:
Name: CRANE CO.(HYDRO-AIRE)
Address: 3000 Winona Ave
City,State,Zip: BURBANK, CA 91504
Region: 4
File Number: 104.0315
File Status: Active
Staff: MZAIDI
Facility Suite: Not reported

CIWQS:
Name: CRANE CO HYDRO AIRE DIV
Address: 3000 WINONA AVE
City,State,Zip: BURBANK, CA 91504
Agency: Crane Aerospace Electronics
Agency Address: 3000 Winona Ave, Burbank, CA 91504
Place/Project Type: Industrial - Aircraft Parts and Auxiliary Equipment, NEC
SIC/NAICS: 3728
Region: 4
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 4 19I003750
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 04/06/1992
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: 2
Violations within 5 years: 1
Latitude: 34.19927
Longitude: -118.34319

CERS:
Name: CRANE COMPANY
Address: 3000 WINONA AVE
City,State,Zip: BURBANK, CA 91504
Site ID: 194663
CERS ID: T0603700142
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker

CRANE AEROSPACE (Continued) **S102628781**

Entity Name: LARRY MOORE - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Local Agency Caseworker
Entity Name: JORGE MARTINEZ - BURBANK, CITY OF
Entity Title: Not reported
Affiliation Address: 311 E ORANGE GROVE AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: CRANE CO
Address: 3000 WINONA AVE
City,State,Zip: BURBANK, CA
Site ID: 198384
CERS ID: SL0002040044
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: NICOLE ALKOV - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W 4th Street, Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766677

Name: CRANE HYDRO AIRE
Address: 3000 WINONA AVE
City,State,Zip: BURBANK, CA 91504
Site ID: 22325
CERS ID: 91504CRNCM3000W
CERS Description: Toxic Release Inventory

Affiliation:
Affiliation Type Desc: Public Contact
Entity Name: STEPHAN RIEDEL
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91504
Affiliation Phone: 8185265705

Affiliation Type Desc: Technical Contact

CRANE AEROSPACE (Continued) **S102628781**

Entity Name: Kabrina Romo
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91504
Affiliation Phone: 8185262604

Affiliation Type Desc: Company Official
Entity Name: Kabrina Romo
Entity Title: Environmental Health and Safety Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91504
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Company
Entity Name: CRANE CO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: 91504
Affiliation Phone: Not reported

Name: CRANE CO HYDRO AIRE DIV
Address: 3000 WINONA AVE
City,State,Zip: BURBANK, CA 91504
Site ID: 529974
CERS ID: 231087
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 529974
Site Name: Crane Co Hydro Aire Div
Violation Date: 07-02-1999
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Deficient Report
Violation Notes: Non-submittal of Annual Report. Due 7//1/1999
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 529974
Site Name: Crane Co Hydro Aire Div
Violation Date: 09-20-2017
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: late 2016-2017 annual report
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

CRANE AEROSPACE (Continued) **S102628781**

Enforcement Action:

Site ID:	529974
Site Name:	Crane Co Hydro Aire Div
Site Address:	3000 WINONA AVE
Site City:	BURBANK
Site Zip:	91504
Enf Action Date:	09-20-2017
Enf Action Type:	Industrial Storm Water Enforcement
Enf Action Description:	Industrial Storm Water Enforcement
Enf Action Notes:	late 2016-2017 annual report
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Site ID:	529974
Site Name:	Crane Co Hydro Aire Div
Site Address:	3000 WINONA AVE
Site City:	BURBANK
Site Zip:	91504
Enf Action Date:	10-23-2017
Enf Action Type:	Industrial Storm Water Enforcement
Enf Action Description:	Industrial Storm Water Enforcement
Enf Action Notes:	missing 2016-2017 AR
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Crane Aerospace Electronics
Entity Title:	Operator
Affiliation Address:	3000 Winona Ave
Affiliation City:	Burbank
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	91504
Affiliation Phone:	Not reported

Name:	HYDRO AIRE
Address:	3000 WINONA AVENUE
City,State,Zip:	BURBANK, CA 91504-2540
Site ID:	473205
CERS ID:	110000886471
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Facility Owner
Entity Name:	CRANE
Entity Title:	OWNER
Affiliation Address:	100 FIRST STAMBORD PLACE
Affiliation City:	STAMFORD
Affiliation State:	CT
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

CRANE AEROSPACE (Continued) **S102628781**

Affiliation Type Desc:	Public Contact
Entity Name:	STEPHAN RIEDEL
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:	RICK CHAN
Entity Title:	EH&S MANAGER
Affiliation Address:	3000 WINONA AVE
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	RICK CHAN EXT 5733
Entity Title:	OPERATOR
Affiliation Address:	3000 WINONA AVE
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	STEPHAN RIEDEL
Entity Title:	Not reported
Affiliation Address:	3000 WINONA AVE
Affiliation City:	BURBANK
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Public Contact
Entity Name:	RICK CHAN
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

HWTS:

Name:	CRANE AEROSPACE
Address:	3000 WINONA AVE
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915042540
EPA ID:	CAC002748630

CRANE AEROSPACE (Continued) **S102628781**

Inactive Date:	01/23/2014
Create Date:	10/24/2013
Last Act Date:	01/24/2014
Mailing Name:	Not reported
Mailing Address:	3000 WINONA AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BURBANK, CA 915042540
Owner Name:	CRANE AEROSPACE
Owner Address:	3000 WINONA AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	BURBANK, CA 915042540
Contact Name:	CRANE AEROSPACE
Contact Address:	3000 WINONA AVE
Contact Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915042540

122
NNE
1/2-1
0.586 mi.
3092 ft.

Relative:
Higher

Actual:
688 ft.

JANCO CORPORATION
3111 WINONA AVE
BURBANK, CA 91504

RCRA-SQG **1000175608**
CA ENVIROSTOR **CAD008263204**
CA CPS-SLIC
FINDS
ECHO
CA EMI
CA ENF
CA HAZNET
CA LOS ANGELES CO. HMS
CA NPDES
LA Co. Site Mitigation
CA WDS
CA WIP
CA CIWQS
CA CERS
CA HWTS

RCRA-SQG:

Date form received by agency:	1986-12-08 00:00:00.0
Facility name:	JANCO CORPORATION
Facility address:	3111 WINONA AVE BURBANK, CA 91504
EPA ID:	CAD008263204
Mailing address:	3111 WINONA AVE PO BOX 3038 BURBANK, CA 91504
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3111 WINONA AVE BURBANK, CA 91504
Contact country:	US
Contact telephone:	818-846-1800
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:	JANCO CORPORATION

JANCO CORPORATION (Continued) **1000175608**

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

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

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

Violation Status: No violations found

ENVIROSTOR:
Name: JANCO CORP.
Address: 3111 WINONA AVENUE
City,State,Zip: BURBANK, CA 91504
Facility ID: 71002162
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

JANCO CORPORATION (Continued) **1000175608**

Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 43
Senate: 25
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.19930
Longitude: -118.3445
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008263204
Alias Type: EPA Identification Number
Alias Name: 110001186270
Alias Type: EPA (FRS #)
Alias Name: 71002162
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: JANCO CORPORATION
Address: 3111 WINONA AVE.
City,State,Zip: BURBANK, CA 91504
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 03/02/2015
Global Id: SL603798612
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.199165
Longitude: -118.344624
Case Type: Cleanup Program Site
Case Worker: GJH
Local Agency: Not reported
RB Case Number: 104.0604

JANCO CORPORATION (Continued) **1000175608**

File Location: Not reported
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

FINDS:
Registry ID: 110001186270
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110001186270

Environmental Interest/Information System:
HAZARDOUS AIR POLLUTANT MAJOR
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

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

ECHO:
Envid: 1000175608
Registry ID: 110001186270
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001186270
Name: JANCO CORP
Address: 3111 WINONA AVE
City,State,Zip: BURBANK, CA 91504

EMI:
Name: JANCO CORP
Address: 3111 WINONA AVE.
City,State,Zip: BURBANK, CA 915040000
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 10133
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

ENF:
Name: JANCO CORPORATION
Address: 3111 WINONA

JANCO CORPORATION (Continued) **1000175608**

City,State,Zip:	BURBANK, CA 91504
Region:	4
Facility Id:	233472
Agency Name:	Janco Corporation
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	Not reported
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.199281
Place Longitude:	-118.344551
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
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:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	WIP
Program Category1:	MONITORING
Program Category2:	MONITORING
# Of Programs:	1
WDID:	4WIP1040604
Reg Measure Id:	156154
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/17/2005
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported

JANCO CORPORATION (Continued) **1000175608**

WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	220819
Region:	4
Order / Resolution Number:	13267 Letter
Enforcement Action Type:	13267 Letter
Effective Date:	11/09/2000
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	11/09/2000
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4WIP1040604
Description:	Not reported
Program:	WIP
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

HAZNET:

Name:	JANCO CORPORATION
Address:	3111 WINONA AVE
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915040000
Contact:	STEVEN BROWN-ENVMTL SUPERVISOR
Telephone:	8188461800
Mailing Name:	Not reported
Mailing Address:	3111 WINONA AVE
Year:	2002
Gepaid:	CAD008263204
TSD EPA ID:	NVD980895338
CA Waste Code:	711 - Liquids with cyanides >= 1,000 Mg./L
Disposal Method:	T01 - Treatment, Tank
Tons:	0.4587
Year:	2002
Gepaid:	CAD008263204
TSD EPA ID:	CAD980884183
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	D99 - Disposal, Other
Tons:	2
Year:	2002
Gepaid:	CAD008263204

JANCO CORPORATION (Continued) **1000175608**

TSD EPA ID: CAD980884183
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: -
Tons: 0.6

Year: 2002
Gepaid: CAD008263204
TSD EPA ID: CAD008364432
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H01 - Transfer Station
Tons: 0.066

Year: 2002
Gepaid: CAD008263204
TSD EPA ID: CAD099452708
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: R01 - Recycler
Tons: 2.527

Year: 2002
Gepaid: CAD008263204
TSD EPA ID: NVD980895338
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: T03 - Treatment, Incineration
Tons: 0.015

Year: 2002
Gepaid: CAD008263204
TSD EPA ID: CAT080033681
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: R01 - Recycler
Tons: 0.025

Year: 2002
Gepaid: CAD008263204
TSD EPA ID: CAT080033681
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.7

Year: 2002
Gepaid: CAD008263204
TSD EPA ID: WAD991281767
CA Waste Code: 711 - Liquids with cyanides >= 1,000 Mg./L
Disposal Method: T01 - Treatment, Tank
Tons: 0.22935

Year: 2002
Gepaid: CAD008263204
TSD EPA ID: CAD008364432
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: T01 - Treatment, Tank
Tons: 0.108

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

JANCO CORPORATION (Continued) **1000175608**

Additional Info:

Year:	1996
Gen EPA ID:	CAD008263204
Shipment Date:	19961219
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961219
Manifest ID:	96391423
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
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:	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:	19961219
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961219
Manifest ID:	96391423
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	272 - Polymeric resin waste
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961219
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961219
Manifest ID:	96391423
Trans EPA ID:	CAD983615287

JANCO CORPORATION (Continued) **1000175608**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0054
Waste Quantity:	1.5
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:	19961219
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961219
Manifest ID:	96391423
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
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:	F006
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.6
Waste Quantity:	1200
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:	19961219
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961220
Manifest ID:	96391424
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
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

JANCO CORPORATION (Continued) **1000175608**

Disposal Method:	R01 - Recycler
Quantity Tons:	0.688
Waste Quantity:	165
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:	19961002
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961002
Manifest ID:	96391238
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
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:	R01 - Recycler
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:	19961002
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19961002
Manifest ID:	96391237
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.198
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

JANCO CORPORATION (Continued) **1000175608**

Shipment Date:	19961002
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19961002
Manifest ID:	96391237
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
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:	19960606
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960606
Manifest ID:	96226979
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	722 - Liquids with cadmium > 100 mg/l
RCRA Code:	D006
Disposal Method:	H01 - Transfer Station
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

Shipment Date:	19960606
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960606
Manifest ID:	96226979
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252

JANCO CORPORATION (Continued) **1000175608**

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:	H01 - Transfer Station
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:	1994
Gen EPA ID:	CAD008263204
Shipment Date:	19941222
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941223
Manifest ID:	93611608
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.4587
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
Shipment Date:	19941222
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19950103
Manifest ID:	93752507
Trans EPA ID:	CAD980814594
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	Not reported
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	F006

JANCO CORPORATION (Continued) **1000175608**

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:	19941222
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941223
Manifest ID:	93611608
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.2293
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
Shipment Date:	19941222
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941223
Manifest ID:	93611608
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.125
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

JANCO CORPORATION (Continued) **1000175608**

Shipment Date:	19940928
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941004
Manifest ID:	93611484
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
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:	19940919
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940920
Manifest ID:	93611471
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	D006
Disposal Method:	H01 - Transfer Station
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:	19940919
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940920
Manifest ID:	93611471
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252

JANCO CORPORATION (Continued) **1000175608**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
Disposal Method:	H01 - Transfer Station
Quantity Tons:	1.6
Waste Quantity:	3200
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:	19940919
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940920
Manifest ID:	93611471
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.688
Waste Quantity:	165
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:	19940715
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940715
Manifest ID:	93611384
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.945
Waste Quantity:	225
Quantity Unit:	G

JANCO CORPORATION (Continued) **1000175608**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 19940712
Creation Date: 3/26/1996 0:00:00
Receipt Date: 19940714
Manifest ID: 93611358
Trans EPA ID: CAD980814594
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVD980895338
Trans Name: Not reported
TSDF Alt EPA ID: NVD980895338
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: F006
Disposal Method: D80 - Disposal, Land Fill
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: 2001
Gen EPA ID: CAD008263204

Shipment Date: 20011218
Creation Date: 2/26/2002 0:00:00
Receipt Date: 20011226
Manifest ID: 21268682
Trans EPA ID: CAR000047613
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
CA Waste Code: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Disposal Method: - Not reported
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

JANCO CORPORATION (Continued) **1000175608**

Shipment Date:	20011218
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011228
Manifest ID:	21268683
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.836
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:	20011218
Creation Date:	2/26/2002 0:00:00
Receipt Date:	20011226
Manifest ID:	21268682
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
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:	20011218
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011221
Manifest ID:	21268685
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432

JANCO CORPORATION (Continued) **1000175608**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	- Not reported
Quantity Tons:	0.0288
Waste Quantity:	8
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:	20011218
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011219
Manifest ID:	21268681
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	Not reported
TSDF Alt EPA ID:	HFEF38007407
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Disposal Method:	D99 - Disposal, Other
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:	20011218
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011219
Manifest ID:	21268684
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	Not reported
TSDF Alt EPA ID:	HFEF38007407
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D001
Disposal Method:	D99 - Disposal, Other
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P

JANCO CORPORATION (Continued) **1000175608**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011218
Creation Date:	2/13/2002 0:00:00
Receipt Date:	20011219
Manifest ID:	21268684
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	Not reported
TSDF Alt EPA ID:	HFEF38007407
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	D99 - Disposal, Other
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:	20011218
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011221
Manifest ID:	21268685
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	- Not reported
Quantity Tons:	0.144
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:	20011218
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011221

JANCO CORPORATION (Continued) **1000175608**

Manifest ID:	21268685
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008364432
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	- Not reported
Quantity Tons:	0.198
Waste Quantity:	60
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:	20011008
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011009
Manifest ID:	21085520
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
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:	0.627
Waste Quantity:	165
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:	CAD008263204

Shipment Date:	19951220
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951221
Manifest ID:	95574559
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

JANCO CORPORATION (Continued) **1000175608**

TSDF EPA ID: CAD099452708
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: 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

Shipment Date: 19951220
Creation Date: 7/29/1996 0:00:00
Receipt Date: 19951220
Manifest ID: 95574663
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 214 - Unspecified solvent mixture
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: 19951220
Creation Date: 7/29/1996 0:00:00
Receipt Date: 19951220
Manifest ID: 95574662
Trans EPA ID: CAD983615287
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD000088252
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: D006
Disposal Method: H01 - Transfer Station
Quantity Tons: 0.15
Waste Quantity: 300

JANCO CORPORATION (Continued) **1000175608**

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:	19951220
Creation Date:	7/29/1996 0:00:00
Receipt Date:	19951220
Manifest ID:	95574663
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.126
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:	19951017
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951017
Manifest ID:	95574538
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
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:	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
Shipment Date:	19951017
Creation Date:	7/26/1996 0:00:00

JANCO CORPORATION (Continued) **1000175608**

Receipt Date:	19951017
Manifest ID:	95574536
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
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:	D006
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.175
Waste Quantity:	350
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:	19950714
Creation Date:	11/13/1995 0:00:00
Receipt Date:	19950714
Manifest ID:	93611955
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.9174
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:	19950714
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950714
Manifest ID:	93611954
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252

JANCO CORPORATION (Continued) **1000175608**

TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.306
Waste Quantity:	85
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:	19950714
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950714
Manifest ID:	93611954
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.1
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:	19950714
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950714
Manifest ID:	93611954
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D006
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

JANCO CORPORATION (Continued) **1000175608**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD008263204
Shipment Date:	19931223
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931228
Manifest ID:	93185467
Trans EPA ID:	CAD980814594
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	Not reported
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Disposal Method:	- Not reported
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:	19931222
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931222
Manifest ID:	93185469
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	- Not reported
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
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
Shipment Date:	19931222

JANCO CORPORATION (Continued) **1000175608**

Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931222
Manifest ID:	93185470
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
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:	19931222
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931222
Manifest ID:	93185469
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.198
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:	19931222
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931222
Manifest ID:	93185469
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported

JANCO CORPORATION (Continued) **1000175608**

TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.688
Waste Quantity:	165
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:	19931222
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931222
Manifest ID:	93185469
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
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:	19931222
Creation Date:	9/14/1995 0:00:00
Receipt Date:	19931222
Manifest ID:	93185468
Trans EPA ID:	CAD983615284
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD089446710
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD089446710
TSDF Alt Name:	Not reported
CA Waste Code:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G

JANCO CORPORATION (Continued) **1000175608**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930930
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19931001
Manifest ID:	93185355
Trans EPA ID:	CAD980814594
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	Not reported
TSDF Alt EPA ID:	NVD980895338
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0
Waste Quantity:	500
Quantity Unit:	*
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930929
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93185359
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
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:	D001
Disposal Method:	- Not reported
Quantity Tons:	0.418
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:	19930929
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported

JANCO CORPORATION (Continued) **1000175608**

Manifest ID:	93185361
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD089446710
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:	- Not reported
Quantity Tons:	0.688
Waste Quantity:	165
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:	CAD008263204
Shipment Date:	20001220
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001227
Manifest ID:	20455081
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.836
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:	20001220
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001227
Manifest ID:	20455082
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

JANCO CORPORATION (Continued) **1000175608**

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:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Disposal Method:	D99 - Disposal, Other
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:	20001220
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20455086
Trans EPA ID:	CAR000047613
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:	CAT080022148
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Disposal Method:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
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:	20001220
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20455086
Trans EPA ID:	CAR000047613
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:	CAT080022148
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Disposal Method:	- Not reported
Quantity Tons:	0.0417

JANCO CORPORATION (Continued) **1000175608**

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
Shipment Date:	20001220
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20455086
Trans EPA ID:	CAR000047613
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:	CAT080022148
TSDF Alt Name:	Not reported
CA Waste Code:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Disposal Method:	- Not reported
Quantity Tons:	0.2502
Waste Quantity:	60
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:	20001220
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20455085
Trans EPA ID:	CAR000047613
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:	CAT080022148
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
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:	20001220

JANCO CORPORATION (Continued) **1000175608**

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	20455085
Trans EPA ID:	CAR000047613
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:	CAT080022148
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:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001220
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001226
Manifest ID:	20455086
Trans EPA ID:	CAR000047613
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:	CAT080022148
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
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:	20001220
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001226
Manifest ID:	20455083
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported

JANCO CORPORATION (Continued) **1000175608**

TSDF Alt EPA ID: CAT080033681
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: 0.025
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: 20001220
Creation Date: 3/22/2001 0:00:00
Receipt Date: 20001226
Manifest ID: 20455085
Trans EPA ID: CAR000047613
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: CAT080022148
TSDF Alt Name: Not reported
CA Waste Code: 181 - Other inorganic solid waste Organics
RCRA Code: D006
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: 2002
Gen EPA ID: CAD008263204

Shipment Date: 20020625
Creation Date: 9/18/2002 18:32:45
Receipt Date: 20020627
Manifest ID: 21638711
Trans EPA ID: CAR000047613
Trans Name: Not reported
Trans 2 EPA ID: CAR000075424
Trans 2 Name: Not reported
TSDF EPA ID: CAD980884183
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: F006
Disposal Method: D99 - Disposal, Other

JANCO CORPORATION (Continued) **1000175608**

Quantity Tons:	2
Waste Quantity:	4000
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:	20020625
Creation Date:	1/14/2003 18:31:21
Receipt Date:	20020625
Manifest ID:	21638712
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.108
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:	20020625
Creation Date:	1/14/2003 18:31:21
Receipt Date:	20020625
Manifest ID:	21638712
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
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:	0.066
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

JANCO CORPORATION (Continued) **1000175608**

Shipment Date:	20020625
Creation Date:	1/14/2003 18:31:21
Receipt Date:	20020628
Manifest ID:	21638713
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
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:	0.627
Waste Quantity:	165
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:	20020625
Creation Date:	9/18/2002 18:32:45
Receipt Date:	20020703
Manifest ID:	21638714
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
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:	20020625
Creation Date:	9/18/2002 18:32:45
Receipt Date:	20020703
Manifest ID:	21638714
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681

JANCO CORPORATION (Continued) **1000175608**

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:	0.025
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:	20020625
Creation Date:	9/18/2002 18:32:45
Receipt Date:	20020703
Manifest ID:	21638714
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
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:	R01 - Recycler
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:	20020625
Creation Date:	1/21/2003 18:31:48
Receipt Date:	20020724
Manifest ID:	21638715
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	CAD063547996
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
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:	D003
Disposal Method:	T03 - Treatment, Incineration
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P

JANCO CORPORATION (Continued) **1000175608**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020625
Creation Date:	1/21/2003 18:31:48
Receipt Date:	20020724
Manifest ID:	21638715
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	CAD063547996
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	711 - Liquids with cyanides > 1000 mg/l
RCRA Code:	F007
Disposal Method:	T01 - Treatment, Tank
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
Shipment Date:	20020311
Creation Date:	7/22/2002 18:32:38
Receipt Date:	20020314
Manifest ID:	21638800
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
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:	R01 - Recycler
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

Additional Info:

Year:	1997
Gen EPA ID:	CAD008263204

JANCO CORPORATION (Continued) **1000175608**

Shipment Date:	19971230
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19980105
Manifest ID:	97341331
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	722 - Liquids with cadmium > 100 mg/l
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971230
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19980105
Manifest ID:	97341331
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.144
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:	19971230
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19980105
Manifest ID:	97341331
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252

JANCO CORPORATION (Continued) **1000175608**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.175
Waste Quantity:	350
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:	19971230
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19980105
Manifest ID:	97341336
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.5838
Waste Quantity:	140
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:	19971230
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19980105
Manifest ID:	97341332
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P

JANCO CORPORATION (Continued) **1000175608**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971230
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19980105
Manifest ID:	97341332
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	792 - Not reported
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.0041
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971230
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19980105
Manifest ID:	97341332
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	792 - Not reported
RCRA Code:	D002
Disposal Method:	H01 - Transfer Station
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
Shipment Date:	19971230
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19980105

JANCO CORPORATION (Continued) **1000175608**

Manifest ID:	97341332
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
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:	19971107
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971110
Manifest ID:	96736338
Trans EPA ID:	CAD983615287
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:	711 - Liquids with cyanides > 1000 mg/l
RCRA Code:	F007
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19971105
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971106
Manifest ID:	96736325
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported

JANCO CORPORATION (Continued) **1000175608**

CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
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:	1999
Gen EPA ID:	CAD008263204
Shipment Date:	19991220
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991222
Manifest ID:	99393938
Trans EPA ID:	CAR000047613
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:	CAT080022148
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.09
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:	19991220
Creation Date:	2/15/2000 0:00:00
Receipt Date:	19991222
Manifest ID:	99393938
Trans EPA ID:	CAR000047613
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:	CAT080022148
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.03
Waste Quantity:	60

JANCO CORPORATION (Continued) **1000175608**

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:	19991104
Creation Date:	1/19/2000 0:00:00
Receipt Date:	19991109
Manifest ID:	99393706
Trans EPA ID:	CAR000047613
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:	722 - Liquids with cadmium > 100 mg/l
RCRA Code:	D002
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
Shipment Date:	19991025
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991029
Manifest ID:	99393673
Trans EPA ID:	CAR000047613
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:	CAT080022148
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.198
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:	19991025
Creation Date:	1/11/2000 0:00:00

JANCO CORPORATION (Continued) **1000175608**

Receipt Date:	19991029
Manifest ID:	99393673
Trans EPA ID:	CAR000047613
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:	CAT080022148
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
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:	19991025
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991029
Manifest ID:	99393673
Trans EPA ID:	CAR000047613
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:	CAT080022148
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
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:	19991025
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991028
Manifest ID:	99393674
Trans EPA ID:	CAR000047613
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

JANCO CORPORATION (Continued) **1000175608**

TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Disposal Method:	D99 - Disposal, Other
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:	19991025
Creation Date:	12/17/1999 0:00:00
Receipt Date:	19991027
Manifest ID:	99393675
Trans EPA ID:	CAR000047613
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:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.198
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:	19991025
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991026
Manifest ID:	99393676
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
CA Waste Code:	792 - Not reported
RCRA Code:	D002
Disposal Method:	- Not reported
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

JANCO CORPORATION (Continued) **1000175608**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991025
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991026
Manifest ID:	99393676
Trans EPA ID:	CAR000047613
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
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

Additional Info:

Year:	1998
Gen EPA ID:	CAD008263204
Shipment Date:	19981221
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981228
Manifest ID:	98123964
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
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:	19981221

JANCO CORPORATION (Continued) **1000175608**

Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981228
Manifest ID:	98123964
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.75
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

Shipment Date:	19981221
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981228
Manifest ID:	98123964
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.054
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:	19981221
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981228
Manifest ID:	98123964
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported

JANCO CORPORATION (Continued) **1000175608**

TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.108
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:	19981221
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981223
Manifest ID:	98123965
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	1.862
Waste Quantity:	490
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:	19981221
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981228
Manifest ID:	98098314
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.275
Waste Quantity:	550
Quantity Unit:	P
Additional Code 1:	Not reported

JANCO CORPORATION (Continued) **1000175608**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19981002
Creation Date:	11/23/1998 0:00:00
Receipt Date:	19981006
Manifest ID:	98123663
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD099452708
TSDF Alt Name:	Not reported
CA Waste Code:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	2.09
Waste Quantity:	550
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:	19981002
Creation Date:	11/23/1998 0:00:00
Receipt Date:	19981002
Manifest ID:	98123665
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
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:	19981002
Creation Date:	11/23/1998 0:00:00
Receipt Date:	19981002
Manifest ID:	98123665

JANCO CORPORATION (Continued) **1000175608**

Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
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:	19981002
Creation Date:	11/23/1998 0:00:00
Receipt Date:	19981002
Manifest ID:	98123665
Trans EPA ID:	CAD983615287
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	F006
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

LOS ANGELES CO. HMS:

Name:	JANCO CORP
Address:	3111 WINONA AVE
City,State,Zip:	BURBANK, CA 91505
Region:	LA
Permit Category:	Not reported
Facility Id:	014652-015298
Facility Type:	Not reported
Facility Status:	OPEN
Area:	3E
Permit Number:	Not reported
Permit Status:	Not reported

JANCO CORPORATION (Continued) **1000175608**

NPDES:

Name:	JANCO CORP
Address:	3111 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
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:	4 19I003379
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:	02/23/2006
Operator Name:	Janco Corp
Operator Address:	3111 Winona Ave
Operator City:	Burbank
Operator State:	California
Operator Zip:	91504

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	189135
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I003379
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:	04/03/1992
Status:	Terminated
Status Date:	02/23/2006
Place Size:	48000
Place Size Unit:	SqFt

JANCO CORPORATION (Continued) **1000175608**

Contact:	Steve Brown
Contact Title:	Not reported
Contact Phone:	818-846-1800
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Janco Corp
Operator Address:	3111 Winona Ave
Operator City:	Burbank
Operator State:	California
Operator Zip:	91504
Operator Contact:	Steven Brown
Operator Contact Title:	Not reported
Operator Contact Phone:	818-846-1800
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:	818-846-1800
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:	Pacific Ocean
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	3613-Switchgear and Switchboard Apparatus
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

LA Co. Site Mitigation:

Name:	JANCO CORPORATION
Address:	3111 WINONA AVE
City,State,Zip:	BURBANK, CA 91508
Facility ID:	Not reported

JANCO CORPORATION (Continued) **1000175608**

Status: Not reported
Site ID: SD0000430
Jurisdiction: State
Case ID: RO0001431
Abated: Yes
Assigned To: Kim Clark
Entered Date: 10/11/2011
Abated Date: Not reported

WDS:
Name: JANCO CORP
Address: 3111 WINONA AVE
City: BURBANK
Facility ID: 4 19I003379
Facility Type: Not reported
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: Not reported
Facility Contact: Not reported
Agency Name: JANCO CORP
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Not reported
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
Primary Waste Type: Not reported
Secondary Waste: Not reported
Secondary Waste Type: Not reported
Design Flow: 0
Baseline Flow: 0
Reclamation: Not reported
POTW: Not reported
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or 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.

WIP:
Name: JANCO CORPORATION

JANCO CORPORATION (Continued) **1000175608**

Address: 3111 Winona Ave
City,State,Zip: BURBANK, CA 91504
Region: 4
File Number: 104.0604
File Status: Backlog
Staff: UNIDENTIFIED
Facility Suite: Not reported

CIWQS:

Name:	JANCO CORP
Address:	3111 WINONA AVE
City,State,Zip:	BURBANK, CA 91504
Agency:	Janco Corp
Agency Address:	3111 Winona Ave, Burbank, CA 91504
Place/Project Type:	Industrial - Switchgear and Switchboard Apparatus
SIC/NAICS:	3613
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I003379
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/03/1992
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:	34.19928
Longitude:	-118.34455

CERS:

Name:	JANCO CORP
Address:	3111 WINONA AVE
City,State,Zip:	BURBANK, CA 91504-2538
Site ID:	474475
CERS ID:	110001186270
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HU LOS ANGELES RWQCB REGN 4TH
Entity Title:	Not reported
Affiliation Address:	320 W 4TH ST NA SUITE 200
Affiliation City:	LOSANGELES
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	ENVIR MGMT

JANCO CORPORATION (Continued) **1000175608**

Entity Title: Not reported
Affiliation Address: 3111 WINONA AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Name: JANCO CORPORATION
Address: 3111 WINONA AVE.
City,State,Zip: BURBANK, CA 91504
Site ID: 189232
CERS ID: SL603798612
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4TH ST., SUITE 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: JANCO CORPORATION
Address: 3111 WINONA AVE
Address 2: Not reported
City,State,Zip: BURBANK, CA 915040000
EPA ID: CAD008263204
Inactive Date: 06/30/2002
Create Date: 04/10/1987
Last Act Date: 08/10/2004
Mailing Name: Not reported
Mailing Address: 3111 WINONA AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: BURBANK, CA 915042543
Owner Name: ESOP CORPORATION OWNERS EMP OF
Owner Address: 3111 WINONA AVE
Owner Address 2: Not reported
Owner City,State,Zip: BURBANK, CA 915042543
Contact Name: STEVEN BROWN-ENVMTL SUPERVISOR
Contact Address: 3111 WINONA AVE
Contact Address 2: Not reported
City,State,Zip: BURBANK, CA 915040000

NAICS:
EPA ID: CAD008263204
Create Date: 2002-03-14 16:36:26
NAICS Code: 3342
NAICS Description: Communications Equipment Manufacturing
Issued EPA ID Date: 1987-04-10 00:00:00
Inactive Date: 2002-06-30 00:00:00
Facility Name: JANCO CORPORATION

JANCO CORPORATION (Continued) **1000175608**

Facility Address:	3111 WINONA AVE
Facility Address 2:	Not reported
Facility City:	BURBANK
Facility County:	19
Facility State:	CA
Facility Zip:	915040000

AE123 **ALUMTREAT INC** **CA ENVIROSTOR** **1000818182**
NE **2905 WINONA AVE** **CA SWEEPS UST** **CAD983566902**
1/2-1 **BURBANK, CA 91504** **CA DEED**
0.651 mi. **RCRA NonGen / NLR**
3436 ft. **Site 1 of 2 in cluster AE** **CA HAZNET**
CA LOS ANGELES CO. HMS
Relative: Higher **CA HWP**
CA WIP
Actual: 683 ft. **CA CERS**
CA HWTS

ENVIROSTOR:

Name:	ALUMTREAT INC
Address:	2905 WINOMA AVENUE
City,State,Zip:	BURBANK, CA 915040000
Facility ID:	80001642
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	09/19/1997
Site Code:	301620
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	0.65
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	WM
Program Manager:	Patrick Movlay
Supervisor:	Jose Diaz
Division Branch:	Cleanup Chatsworth
Assembly:	43
Senate:	25
Special Program:	Not reported
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.19965
Longitude:	-118.3426
APN:	2466022023
Past Use:	MANUFACTURING - METAL
Potential COC:	Lead Chromium III Copper and compounds Nickel Zinc
Confirmed COC:	Lead Chromium III Copper and compounds Nickel Zinc
Potential Description:	SOIL
Alias Name:	2466022023
Alias Type:	APN
Alias Name:	CAD009561911
Alias Type:	EPA Identification Number
Alias Name:	301620
Alias Type:	Project Code (Site Code)
Alias Name:	80001642
Alias Type:	Envirostor ID Number

ALUMTREAT INC (Continued) **1000818182**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	5 Year Review Reports
Completed Date:	06/07/2018
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/11/2019
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Interim Measures Questionnaire
Completed Date:	01/01/1997
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction
Completed Date:	09/19/1997
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	RCRA Facility Assessment Report
Completed Date:	11/05/1992
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	11/20/2010
Comments:	Drive by visit. Land and building configuration has not changed.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	03/26/2012
Comments:	3/22/2012, DTSC's PM visited the site, and performed walk through of the site with Mr. Sergik Avakian representing the American Best Engineering, the current operator at the site. It was observed that the restricted area as defined by the LUC is in full compliance with the stipulated terms in the LUC. Mr. Avakian mentioned that he is renting/lease the site from a new owner. On 3/26/2012 DTSC's PM contacted Mr Richard Fond, and was confirmed Mr Fond sold the property on March 2012. DTSC's PM requested Mr Fond to advise DTSC regarding the particulars on the ownership transfer as required by the LUC, Mr. Fond will respond to the request.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Land Use Restriction - Site Inspection/Visit
Completed Date:	10/11/2013
Comments:	Not reported

ALUMTREAT INC (Continued) **1000818182**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 07/15/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 11/19/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 03/02/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 01/24/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 11/30/2018
Comments: LUC Annual Inspection Report completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 07/22/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/11/2017
Comments: No comment needed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/02/2018
Comments: Not Applicable

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

ALUMTREAT INC (Continued) **1000818182**

SWEEPS UST:
Name: ALUMTREAT INC
Address: 2905 WINONA AVE
City: BURBANK
Status: Active
Comp Number: 14201
Number: 9
Board Of Equalization: Not reported
Referral Date: 12-06-90
Action Date: 12-06-90
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

DEED:
Name: ALUMTREAT INC
Address: 2905 WINOMA AVENUE
City,State,Zip: BURBANK, CA 915040000
Envirostor ID: 80001642
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: CORRECTIVE ACTION
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): Not reported
File Name: Envirostor Land Use Restrictions

RCRA NonGen / NLR:
Date form received by agency: 1998-01-05 00:00:00.0
Facility name: ALUMTREAT INC
Facility address: 2905 WINONA AVE
BURBANK, CA 91504-2578
EPA ID: CAD983566902
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
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: ALUMTREAT INC
Owner/operator address: 2905 WINONA AVE
BURBANK, CA 91504

ALUMTREAT INC (Continued) **1000818182**

Owner/operator country: Not reported
Owner/operator telephone: 818-841-5936
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: 1994-09-27 00:00:00.0
Site name: ALUMTREAT INC
Classification: Not a generator, verified

Violation Status: No violations found

HAZNET:
Name: ALUMTREAT INC
Address: 2905 WINONA AVE
Address 2: Not reported
City,State,Zip: BURBANK, CA 915040000
Contact: INACTIVE,UNDELIVERABLE 96 FEE
Telephone: --
Mailing Name: Not reported
Mailing Address: 2905 WINONA AVE

Year: 1993
Gepaid: CAD983566902
TSD EPA ID: CAD097030993
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with
Disposal Method: T01 - Treatment, Tank
Tons: 10.425

Year: 1993
Gepaid: CAD983566902
TSD EPA ID: NVT330010000
CA Waste Code: 171 - Metal sludge (Alkaline solution (pH >= 12.5) with metals)
Disposal Method: -
Tons: 8.428

ALUMTREAT INC (Continued) **1000818182**

Additional Info:

Year:	1993
Gen EPA ID:	CAD983566902
Shipment Date:	19930519
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930526
Manifest ID:	90805676
Trans EPA ID:	CAD980735310
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
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:	Not reported
Disposal Method:	- Not reported
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:	19930517
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930517
Manifest ID:	92741012
Trans EPA ID:	CAD000628636
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:	Not reported
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	10.425
Waste Quantity:	2500
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

LOS ANGELES CO. HMS:

Name:	ALUMTREAT INC
Address:	2905 WINONA AVE

ALUMTREAT INC (Continued) **1000818182**

City,State,Zip: BURBANK, CA 91505
Region: LA
Permit Category: Not reported
Facility Id: 013773-014201
Facility Type: Not reported
Facility Status: OPEN
Area: 3E
Permit Number: Not reported
Permit Status: Not reported

HWP:
Name: ALUMTREAT INC
Address: 2905 WINONA AVE
City,State,Zip: BURBANK, CA 915040000
EPA Id: CAD983566902
Cleanup Status: CLOSED
Latitude: 34.19965
Longitude: -118.3426
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 43
Senate District: 25
Public Information Officer: Not reported
Public Information Officer: Not reported

Closure:
EPA Id: CAD983566902
Facility Type: Historical - Non-Operating
Unit Names: Unit1
Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION
Actual Date: 10/18/2017

Name: ALUMTREAT INC
Address: 2905 WINOMA AVENUE
City,State,Zip: BURBANK, CA 915040000
EPA Id: CAD009561911
Cleanup Status: CLOSED
Latitude: 34.19965
Longitude: -118.3426
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 43
Senate District: 25
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAD009561911
Facility Type: Historical - Non-Operating
Unit Names: Not reported
Event Description: New Operating Permit - CALL-IN LETTER ISSUED

ALUMTREAT INC (Continued) **1000818182**

Actual Date: 04/26/1990

EPA Id: CAD009561911
Facility Type: Historical - Non-Operating
Unit Names: Not reported
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 08/30/1983

Closure:
EPA Id: CAD009561911
Facility Type: Historical - Non-Operating
Unit Names: CONTAIN1, TANKTRT1
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 09/30/1997

Maintenance:
EPA Id: CAD009561911
Title: LUC for the Alumtreat Inc. facility dated 9/19.1997.
Document Type: Deed Restriction / LUC Issued
Received Date: 09/19/1997

WIP:
Name: ALUMTREAT, INC.
Address: 2905 Winona Ave
City,State,Zip: BURBANK, CA 91504
Region: 4
File Number: 104.0088
File Status: Historical
Staff: WS
Facility Suite: Not reported

CERS:
Name: ALUMTREAT INC
Address: 2905 WINONA AVE
City,State,Zip: BURBANK, CA 915040000
Site ID: 237668
CERS ID: CAD983566902
CERS Description: Hazardous Waste

Affiliation:
Affiliation Type Desc: Facility Owner
Entity Name: ALUMTREAT INC
Entity Title: Not reported
Affiliation Address: 2905 WINONA AVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 915040000
Affiliation Phone: 8188415936

Affiliation Type Desc: Facility Contact
Entity Name: INACTIVE,UNDELIVERABLE 96 FEE
Entity Title: Not reported
Affiliation Address: --
Affiliation City: --

ALUMTREAT INC (Continued) **1000818182**

Affiliation State: 99
Affiliation Country: Not reported
Affiliation Zip: 999990000
Affiliation Phone: --

HWTS:
Name: ALUMTREAT INC
Address: 2905 WINONA AVE
Address 2: Not reported
City,State,Zip: BURBANK, CA 915040000
EPA ID: CAD983566902
Inactive Date: 06/30/1996
Create Date: 03/25/1993
Last Act Date: 09/14/2004
Mailing Name: Not reported
Mailing Address: 2905 WINONA AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: BURBANK, CA 915040000
Owner Name: ALUMTREAT INC
Owner Address: 2905 WINONA AVE
Owner Address 2: Not reported
Owner City,State,Zip: BURBANK, CA 915040000
Contact Name: INACTIVE,UNDELIVERABLE 96 FEE
Contact Address: --
Contact Address 2: Not reported
City,State,Zip: --, 99 999990000

AE124 **ALUMTREAT INC** **SEMS-ARCHIVE** **1000857227**
NE **2905 WINONA** **CORRACTS** **CAD009561911**
1/2-1 **BURBANK, CA 91504** **RCRA-TSDF**
0.651 mi. **RCRA-SQG**
3436 ft. **Site 2 of 2 in cluster AE**

Relative: Higher
Actual: 683 ft.

SEMS Archive:
Site ID: 0904454
EPA ID: CAD009561911
Name: ALUMTREAT
Address: 2905 WINONA ST.
Address 2: Not reported
City,State,Zip: BURBANK, CA 91504
Cong District: 21
FIPS Code: 06037
FF: N
NPL: Not on the NPL
Non NPL Status: Deferred to RCRA (Subtitle C)

SEMS Archive Detail:
Region: 09
Site ID: 0904454
EPA ID: CAD009561911
Site Name: ALUMTREAT
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1

ALUMTREAT INC (Continued) **1000857227**

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: 0904454
EPA ID: CAD009561911
Site Name: ALUMTREAT
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1992-11-12 05:00:00
Qual: D
Current Action Lead: EPA Perf

Region: 09
Site ID: 0904454
EPA ID: CAD009561911
Site Name: ALUMTREAT
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1992-04-08 04:00:00
Finish Date: 1992-04-08 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

CORRACTS:
EPA ID: CAD009561911
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 1997-01-01 00:00:00.0
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: CAD009561911
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 1992-11-05 00:00:00.0

ALUMTREAT INC (Continued) **1000857227**

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: CAD009561911
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 1992-11-05 00:00:00.0
Action: CA029EP
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD009561911
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 1992-11-05 00:00:00.0
Action: CA050PA - RFA Completed, Assessment was a PA-Plus
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 1996-09-01 00:00:00.0
Facility name: ALUMTREAT INC
Facility address: 2905 WINONA
BURBANK, CA 91504
EPA ID: CAD009561911
Mailing address: 19 SUFFOLK AVE STE A
SIERRA MADRE, CA 91024
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: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:
Owner/operator name: ALUMTREAT INC
Owner/operator address: 1455 MONTEREY PASS RD
MONTEREY PARK, CA 91754
Owner/operator country: Not reported
Owner/operator telephone: 213-849-6445
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

ALUMTREAT INC (Continued) **1000857227**

Owner/Op end date: Not reported

Owner/operator name: ALUMTREAT INC
Owner/operator address: 19 SUFFOLK AVE STE A
SIERRA MADRE, CA 91024
Owner/operator country: Not reported
Owner/operator telephone: 818-799-2592
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: 1996-09-01 00:00:00.0
Site name: ALUMTREAT INC
Classification: Small Quantity Generator

Date form received by agency: 1994-10-25 00:00:00.0
Site name: ALUMTREAT INC
Classification: Large Quantity Generator

Date form received by agency: 1990-04-04 00:00:00.0
Site name: ALUMTREAT INC
Classification: Large Quantity Generator

Corrective Action Summary:
Event date: 1992-11-05 00:00:00.0
Event: LEAD AGENCY DETERMINATION

Event date: 1992-11-05 00:00:00.0
Event: RFA COMPLETED-ASSESSMENT WAS A PA-PLUS

Event date: 1992-11-05 00:00:00.0
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 1997-01-01 00:00:00.0

ALUMTREAT INC (Continued) **1000857227**

Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 1994-09-21 00:00:00.0
Date achieved compliance: 1995-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1994-09-21 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 - Contingency Plan and Emergency Procedures
Date violation determined: 1994-09-21 00:00:00.0
Date achieved compliance: 1995-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1994-09-21 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: Generators - Pre-transport
Date violation determined: 1994-09-21 00:00:00.0
Date achieved compliance: 1995-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1994-09-21 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: Generators - General
Date violation determined: 1994-09-21 00:00:00.0
Date achieved compliance: 1995-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1994-09-21 00:00:00.0
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

ALUMTREAT INC (Continued) **1000857227**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 1994-09-21 00:00:00.0
Date achieved compliance: 1995-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1994-09-21 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: Generators - General
Date violation determined: 1993-10-28 00:00:00.0
Date achieved compliance: 1994-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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 - Container Use and Management
Date violation determined: 1992-12-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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

ALUMTREAT INC (Continued) **1000857227**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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 - Financial Requirements
Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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

ALUMTREAT INC (Continued) **1000857227**

Regulation violated: Not reported
Area of violation: TSD - Manifest/Records/Reporting
Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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 - Closure/Post-Closure
Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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 - Contingency Plan and Emergency Procedures
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1992-08-27 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: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1992-08-27 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

ALUMTREAT INC (Continued) **1000857227**

Area of violation: TSD - Closure/Post-Closure
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
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 - Closure/Post-Closure
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1992-08-27 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 - Contingency Plan and Emergency Procedures
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1992-08-27 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 - Manifest/Records/Reporting

ALUMTREAT INC (Continued) **1000857227**

Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1992-08-27 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 Facility Standards
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
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: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
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 - Preparedness and Prevention
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1992-08-27 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: 1992-08-27 00:00:00.0

ALUMTREAT INC (Continued) **1000857227**

Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
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 - Preparedness and Prevention
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
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: 1994-09-21 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: Generators - General
Date achieved compliance: 1995-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1994-09-21 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - General Facility Standards
Date achieved compliance: 1995-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1994-09-21 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 1995-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1994-09-21 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Container Use and Management
Date achieved compliance: 1995-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1994-09-21 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: Generators - Pre-transport
Date achieved compliance: 1995-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1992-07-14 00:00:00.0

ALUMTREAT INC (Continued) **1000857227**

Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Financial Requirements
Date achieved compliance: 1993-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1992-07-14 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 1993-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1992-07-14 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 1993-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1992-07-14 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - General Facility Standards
Date achieved compliance: 1993-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1992-07-14 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 1993-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1992-07-14 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 1993-01-01 00:00:00.0
Evaluation lead agency: State

RCRA-SQG:
Date form received by agency: 1996-09-01 00:00:00.0
Facility name: ALUMTREAT INC
Facility address: 2905 WINONA
BURBANK, CA 91504
EPA ID: CAD009561911
Mailing address: 19 SUFFOLK AVE STE A
SIERRA MADRE, CA 91024
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: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:
Owner/operator name: ALUMTREAT INC

ALUMTREAT INC (Continued) **1000857227**

Owner/operator address: 1455 MONTEREY PASS RD
MONTEREY PARK, CA 91754
Owner/operator country: Not reported
Owner/operator telephone: 213-849-6445
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: ALUMTREAT INC
Owner/operator address: 19 SUFFOLK AVE STE A
SIERRA MADRE, CA 91024
Owner/operator country: Not reported
Owner/operator telephone: 818-799-2592
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: 1996-09-01 00:00:00.0
Site name: ALUMTREAT INC
Classification: Small Quantity Generator

Date form received by agency: 1994-10-25 00:00:00.0
Site name: ALUMTREAT INC
Classification: Large Quantity Generator

Date form received by agency: 1990-04-04 00:00:00.0
Site name: ALUMTREAT INC
Classification: Large Quantity Generator

ALUMTREAT INC (Continued) **1000857227**

Corrective Action Summary:
- Event date: 1992-11-05 00:00:00.0
- Event: LEAD AGENCY DETERMINATION

- Event date: 1992-11-05 00:00:00.0
- Event: RFA COMPLETED-ASSESSMENT WAS A PA-PLUS

- Event date: 1992-11-05 00:00:00.0
- Event: CA PRIORITIZATION-LOW CA PRIORITY

- Event date: 1997-01-01 00:00:00.0
- Event: STABILIZATION MEASURES EVALUATION-FACILITY NOT AMENABLE TO STABILIZATION

Facility Has Received Notices of Violations:
- Regulation violated: Not reported
- Area of violation: TSD - General Facility Standards
- Date violation determined: 1994-09-21 00:00:00.0
- Date achieved compliance: 1995-01-01 00:00:00.0
- Violation lead agency: State
  - Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
  - Enforcement action date: 1994-09-21 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 - Contingency Plan and Emergency Procedures
- Date violation determined: 1994-09-21 00:00:00.0
- Date achieved compliance: 1995-01-01 00:00:00.0
- Violation lead agency: State
  - Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
  - Enforcement action date: 1994-09-21 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: Generators - Pre-transport
- Date violation determined: 1994-09-21 00:00:00.0
- Date achieved compliance: 1995-01-01 00:00:00.0
- Violation lead agency: State
  - Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
  - Enforcement action date: 1994-09-21 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

ALUMTREAT INC (Continued) **1000857227**

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 1994-09-21 00:00:00.0
Date achieved compliance: 1995-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1994-09-21 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 - Container Use and Management
Date violation determined: 1994-09-21 00:00:00.0
Date achieved compliance: 1995-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1994-09-21 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: Generators - General
Date violation determined: 1993-10-28 00:00:00.0
Date achieved compliance: 1994-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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 - Container Use and Management
Date violation determined: 1992-12-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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

ALUMTREAT INC (Continued) **1000857227**

Area of violation: TSD - General Facility Standards
Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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 - Contingency Plan and Emergency Procedures
Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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 - Financial Requirements
Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport

ALUMTREAT INC (Continued) **1000857227**

Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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 - Closure/Post-Closure
Date violation determined: 1992-10-28 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: FOCUSED COMPLIANCE INSPECTION
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 - Contingency Plan and Emergency Procedures
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1992-08-27 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: 1992-08-27 00:00:00.0

ALUMTREAT INC (Continued) **1000857227**

Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1992-08-27 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 - Closure/Post-Closure
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
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 - Closure/Post-Closure
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1992-08-27 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 - Contingency Plan and Emergency Procedures
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0

ALUMTREAT INC (Continued) **1000857227**

Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1992-08-27 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 - Manifest/Records/Reporting
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1992-08-27 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 Facility Standards
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
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: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
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 - Preparedness and Prevention
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State

ALUMTREAT INC (Continued) **1000857227**

Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 1992-08-27 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: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
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 - Preparedness and Prevention
Date violation determined: 1992-08-27 00:00:00.0
Date achieved compliance: 1993-01-01 00:00:00.0
Violation lead agency: State
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
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: 1994-09-21 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: Generators - General
Date achieved compliance: 1995-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1994-09-21 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - General Facility Standards
Date achieved compliance: 1995-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1994-09-21 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 1995-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1994-09-21 00:00:00.0

ALUMTREAT INC (Continued) **1000857227**

Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Container Use and Management
Date achieved compliance: 1995-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1994-09-21 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: Generators - Pre-transport
Date achieved compliance: 1995-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1992-07-14 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Financial Requirements
Date achieved compliance: 1993-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1992-07-14 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 1993-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1992-07-14 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 1993-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1992-07-14 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - General Facility Standards
Date achieved compliance: 1993-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1992-07-14 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 1993-01-01 00:00:00.0
Evaluation lead agency: State

Evaluation date: 1992-07-14 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 1993-01-01 00:00:00.0
Evaluation lead agency: State

125
NNE
1/2-1
0.659 mi.
3478 ft.

PACIFIC AIRMOTIVE
2940 NORTH HOLLYWOOD WAY
BURBANK, CA 91505

CA ENVIROSTOR **S104915023**
CA HIST CORTESE **N/A**
CA CIWQS

Relative:
Higher

Actual:
701 ft.

ENVIROSTOR:
Name: PACIFIC AIRMOTIVE
Address: 2940 NORTH HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
Facility ID: 19340723
Status: Refer: RWQCB

PACIFIC AIRMOTIVE (Continued) **S104915023**

Status Date: 08/15/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 43
Senate: 25
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.20166
Longitude: -118.3488
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * UNSPECIFIED SOLVENT MIXTURES * UNSPECIFIED ORGANIC LIQUID MIXTURE
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD041684838
Alias Type: EPA Identification Number
Alias Name: 19340723
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/01/1995
Comments: 10/7/94 Records indicate that the RWQCB is the lead agency, therefore, NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/01/1995
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/12/1984
Comments: INSPECTION(STATE) RWQCB: SEMI-ANNUAL INSPECTION PLATING FACILITY & ENGINE SHOP; AFTER 1980, PLATING OPERATION SOLD TO LOCKHEED CORPORATION; SOURCE ACT: T/C WITH M ASPER (213)634-3300, 4/4/84 & B GROSS, PACIFIC, (818)842-5171, 4/11/84; OVER- HAULED PISTON ENGINES, JET ENGINES; ACTIVELY CLEANING ENGINES; METAL PLATING YEARS OF OPERATION: 1945 TO PRESENT 1981 RECIRCULATION RECOVERY SUMP & CLARIFIER WERE INSTALLED HAULER: LIQUID WASTE MANAGEMENT (SINCE 1981) TO CLASS I LANDFILL RWQCB: 1968-69 VIOLATION OF HEAVY METAL DISCHARGE CONTROLLED BY INSTALLATION OF AIR REGULATORS TO PREVENT EXCESS TURBULENCE PRELIM ASSESS SUBMITTED TO EPA PRELIM ASSESS DONE RCRA 3012

PACIFIC AIRMOTIVE (Continued) **S104915023**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/28/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

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 CORTESE:
edr_fname: PACIFIC AIRMOTIVE CORPORA
edr_fadd1: 2940 HOLLYWOOD
City,State,Zip: BURBANK, CA 91505
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 104.0812

CIWQS:
Name: ARDWIN FREIGHT
Address: 2940 NORTH HOLLYWOOD WAY
City,State,Zip: BURBANK, CA 91505
Agency: Valec Properties LLC
Agency Address: 2940 N Hollywood Way, Burbank, CA 91505
Place/Project Type: Construction - Commercial
SIC/NAICS: Not reported
Region: 4
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 4 19C360395
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 02/11/2011
Termination Date: 12/09/2013
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 34.20176
Longitude: -118.34888

AF126 **WEST LA AREA STATION HOSP** **CA ENVIROSTOR** **S107737600**
NW **N/A**
1/2-1 **LOS ANGELES, CA**
0.677 mi.
3574 ft. **Site 1 of 2 in cluster AF**

Relative:
Higher

Actual:
722 ft.

ENVIROSTOR:

Name:	WEST LA AREA STATION HOSP
Address:	Not reported
City,State,Zip:	LOS ANGELES, CA
Facility ID:	80000367
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:	43
Senate:	25
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.2
Longitude:	-118.3583
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F568600
Alias Type:	Federal Facility ID
Alias Name:	J09CA0705
Alias Type:	INPR
Alias Name:	80000367
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

AF127 **WEST LA AREA STATION HOSPITAL** **FUDS** **1024903708**
NW **N/A**
1/2-1 **WEST LOS ANGELES, CA**
0.678 mi.
3580 ft. **Site 2 of 2 in cluster AF**

Relative:
Higher

Actual:
722 ft.

FUDS:

EPA Region:	9
Installation ID:	CA99799F568600
Congressional District Number:	28
Facility Name:	WEST LA AREA STATION HOSPITAL
FUDS Number:	J09CA0705
City:	WEST LOS ANGELES
State:	CA
County:	LOS ANGELES
USACE District:	Los Angeles District (SPL)
Status:	Properties without projects
Current Owner:	Local Government
EMS Map Link:	https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=61238
Eligibility:	Eligible
Has Projects:	No
NPL Status:	Not Listed
X Coord:	-118.35833332999999
Y Coord:	34.200000000000003
Latitude:	34.200000000000003
Longitude:	-118.35833332999999

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128 **WESTERN PACIFIC CIRCUITS** **SEMS-ARCHIVE** **1000402997**
East **2033 N LINCOLN** **RCRA-SQG** **CAD063808182**
1/2-1 **BURBANK, CA 91504** **CA ENVIROSTOR**
0.764 mi. **FINDS**
4036 ft. **ECHO**
CA HAZNET

Relative:
Lower

CA HWTS

Actual:
640 ft.

SEMS Archive:

Site ID:	0901501
EPA ID:	CAD063808182
Name:	WESTERN PACIFIC CIRCUITS
Address:	2033 N LINCOLN
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 91504
Cong District:	21
FIPS Code:	06037
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:	0901501
EPA ID:	CAD063808182
Site Name:	WESTERN PACIFIC CIRCUITS
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Finish Date: 1985-02-01 06:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 09
Site ID: 0901501
EPA ID: CAD063808182
Site Name: WESTERN PACIFIC CIRCUITS
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1980-10-01 04:00:00
Finish Date: 1980-10-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 09
Site ID: 0901501
EPA ID: CAD063808182
Site Name: WESTERN PACIFIC CIRCUITS
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1984-10-01 05:00:00
Finish Date: 1985-02-01 06:00:00
Qual: N
Current Action Lead: St Perf

RCRA-SQG:
Date form received by agency: 1996-09-01 00:00:00.0
Facility name: WESTERN PACIFIC CIRCUITS
Facility address: 2033 N LINCOLN
BURBANK, CA 91504
EPA ID: CAD063808182
Mailing address: N LINCOLN
BURBANK, CA 91504
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

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

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

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

ENVIROSTOR:

Name:	WESTERN PACIFIC CIRCUITS
Address:	2033 NORTH LINCOLN
City,State,Zip:	BURBANK, CA 91504
Facility ID:	19360520
Status:	Refer: Other Agency
Status Date:	10/25/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 43
Senate: 25
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.19316
Longitude: -118.3360
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * UNSPECIFIED SLUDGE WASTE Polychlorinated biphenyls (PCBs Selenium
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: DELTA SCIENTIFIC CORP.
Alias Type: Alternate Name
Alias Name: CAD063808182
Alias Type: EPA Identification Number
Alias Name: 110002653682
Alias Type: EPA (FRS #)
Alias Name: 19360520
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 VALIDATION PROGRAM CONFIRM NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 07/01/1984
Comments: NEW LOC: 1133 E.REDONDO BLVD,INGLEWOOD WASTE: ELECT PLATING SLUDGE,COPPER SULFT AMMONIA HYDROXIDE, COPPER CHLORIDE. HAUL BY HUNT CHEMICAL CO. SOURCE ACT: MFG OF PRINTED CIRCUIT BOARD INCIDENT:10/22/83 EXPLOSION INVOLVING SMALL AMOUNT OF SULPHURIC ACID & HYDROGEN PEROXIDE.(INGLEWOOD SITE) SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/11/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

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

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

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

FINDS:
Registry ID: 110002653682
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002653682

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: 1000402997
Registry ID: 110002653682
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002653682
Name: WESTERN PACIFIC CIRCUITS
Address: 2033 N LINCOLN
City,State,Zip: BURBANK, CA 91504

HAZNET:
Name: WESTERN PACIFIC CIRCUITS
Address: 2033 N LINCOLN
Address 2: Not reported
City,State,Zip: BURBANK, CA 915040000
Contact: --
Telephone: 3106776108
Mailing Name: Not reported
Mailing Address: 1105 E REDONDO BLVD

Year: 2003
Gepaid: CAD063808182
TSD EPA ID: CAD008488025
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with
Disposal Method: R01 - Recycler
Tons: 0.22935

Year: 2002
Gepaid: CAD063808182
TSD EPA ID: CAD008488025
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with
Disposal Method: R01 - Recycler
Tons: 0.68805

Year: 2001
Gepaid: CAD063808182
TSD EPA ID: CAD008488025
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Disposal Method: T01 - Treatment, Tank
Tons: 0.4586

Year: 2001
Gepaid: CAD063808182
TSD EPA ID: CAD008488025
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with
Disposal Method: R01 - Recycler
Tons: 0.4587

Year: 2000
Gepaid: CAD063808182
TSD EPA ID: CAD097030993
CA Waste Code: 132 - Aqueous solution with metals (< restricted levels and (Alkaline solution (pH >= 12.5) with
Disposal Method: T01 - Treatment, Tank
Tons: 0.4587

Year: 2000
Gepaid: CAD063808182
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: 0.9174

Year: 1999
Gepaid: CAD063808182
TSD EPA ID: CAD000088252
CA Waste Code: 221 - Waste oil and mixed oil
Disposal Method: H01 - Transfer Station
Tons: 1.254

Year: 1999
Gepaid: CAD063808182
TSD EPA ID: CAD097030993
CA Waste Code: 726 - Liquids with nickel >= 134 Mg./L
Disposal Method: R01 - Recycler
Tons: 2.5228

Year: 1999
Gepaid: CAD063808182
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: 2.2934

Year: 1998
Gepaid: CAD063808182
TSD EPA ID: CAD097030993
CA Waste Code: 724 - Liquids with lead >= 500 Mg./L
Disposal Method: -
Tons: 0.688

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

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Additional Info:

Year:	1995
Gen EPA ID:	CAD063808182
Shipment Date:	19951025
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951030
Manifest ID:	95720036
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
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:	0.688
Waste Quantity:	165
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:	19950405
Creation Date:	10/23/1995 0:00:00
Receipt Date:	19950407
Manifest ID:	93068833
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:	0
Waste Quantity:	0
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:	19950405
Creation Date:	10/23/1995 0:00:00
Receipt Date:	19950407

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Manifest ID:	93068833
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:	T01 - Treatment, Tank
Quantity Tons:	1.8348
Waste Quantity:	440
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:	CAD063808182
Shipment Date:	19971212
Creation Date:	3/31/1998 0:00:00
Receipt Date:	19971219
Manifest ID:	96719409
Trans EPA ID:	CAD982019135
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:	0.688
Waste Quantity:	165
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:	19970919
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970926
Manifest ID:	96830417
Trans EPA ID:	CAD982019135
Trans Name:	Not reported

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

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:	0.688
Waste Quantity:	165
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:	19970619
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970620
Manifest ID:	96794386
Trans EPA ID:	CAD982019135
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:	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
Shipment Date:	19970424
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970501
Manifest ID:	96794042
Trans EPA ID:	CAD982019135
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

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

	code 121 for a list of metals
RCRA Code:	D002
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
Shipment Date:	19970305
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970317
Manifest ID:	96310971
Trans EPA ID:	CAD982019135
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
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:	0.688
Waste Quantity:	165
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:	CAD063808182
Shipment Date:	20030325
Creation Date:	6/22/2003 18:31:12
Receipt Date:	20030328
Manifest ID:	22690346
Trans EPA ID:	CAR000047696
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

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD063808182
Shipment Date:	20000919
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20000921
Manifest ID:	20104869
Trans EPA ID:	CAD982019135
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:	0.4587
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
Shipment Date:	20000504
Creation Date:	7/12/2000 0:00:00
Receipt Date:	20000511
Manifest ID:	20104866
Trans EPA ID:	CAD982019135
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:	0.4587
Waste Quantity:	110
Quantity Unit:	G

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000317
Creation Date:	5/30/2000 0:00:00
Receipt Date:	20000329
Manifest ID:	98353862
Trans EPA ID:	CAD982019135
Trans Name:	Not reported
Trans 2 EPA ID:	NJD986619328
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:	T01 - Treatment, Tank
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:	1994
Gen EPA ID:	CAD063808182
Shipment Date:	19940816
Creation Date:	10/17/1995 0:00:00
Receipt Date:	19940818
Manifest ID:	93460171
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:	0
Waste Quantity:	0
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940816
Creation Date:	10/17/1995 0:00:00
Receipt Date:	19940818
Manifest ID:	93460171
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:	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:	19940606
Creation Date:	10/10/1995 0:00:00
Receipt Date:	19940609
Manifest ID:	93066334
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:	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:	19940606
Creation Date:	10/10/1995 0:00:00
Receipt Date:	19940609
Manifest ID:	93066334

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

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:	0
Waste Quantity:	0
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:	19940515
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950516
Manifest ID:	93462965
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:	T01 - Treatment, Tank
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
Shipment Date:	19940324
Creation Date:	10/5/1995 0:00:00
Receipt Date:	19940328
Manifest ID:	90814802
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

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

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:	0.417
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:	19940222
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940224
Manifest ID:	93066784
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:	0
Waste Quantity:	0
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:	19940222
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940224
Manifest ID:	93066784
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

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

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: 2002
Gen EPA ID: CAD063808182

Shipment Date: 20021010
Creation Date: 2/10/2003 18:31:16
Receipt Date: 20021011
Manifest ID: 22026688
Trans EPA ID: CAR000047696
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: 0.22935
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20020507
Creation Date: 1/24/2003 18:31:04
Receipt Date: 20020520
Manifest ID: 21865182
Trans EPA ID: CAR000047696
Trans Name: Not reported
Trans 2 EPA ID: NJD986619328
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: 0.4587
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAD063808182
Shipment Date:	19991004
Creation Date:	12/17/1999 0:00:00
Receipt Date:	19991008
Manifest ID:	98353857
Trans EPA ID:	CAD982019135
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:	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
Shipment Date:	19990720
Creation Date:	10/12/1999 0:00:00
Receipt Date:	19990722
Manifest ID:	98089086
Trans EPA ID:	CAD982019135
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:	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:	0.4587
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

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Shipment Date:	19990413
Creation Date:	6/10/1999 0:00:00
Receipt Date:	19990415
Manifest ID:	98084958
Trans EPA ID:	CAD982019135
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:	0.688
Waste Quantity:	165
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:	19990107
Creation Date:	3/1/1999 0:00:00
Receipt Date:	19990107
Manifest ID:	98600420
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
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:	1.254
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

Shipment Date:	19990107
Creation Date:	3/17/1999 0:00:00
Receipt Date:	19990108
Manifest ID:	98600421
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
CA Waste Code:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	D002
Disposal Method:	R01 - Recycler
Quantity Tons:	2.5228
Waste Quantity:	605
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:	19990104
Creation Date:	4/1/1999 0:00:00
Receipt Date:	19990111
Manifest ID:	98089087
Trans EPA ID:	CAD982019135
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:	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:	0.688
Waste Quantity:	165
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:	CAD063808182
Shipment Date:	19980922
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19980923
Manifest ID:	98089085
Trans EPA ID:	CAD982019135
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

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

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:	0.4587
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
Shipment Date:	19980901
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980901
Manifest ID:	97298673
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
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:	0.627
Waste Quantity:	165
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:	19980901
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980901
Manifest ID:	97298673
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
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:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.9174
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980901
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980901
Manifest ID:	97298673
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
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:	H01 - Transfer Station
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
Shipment Date:	19980901
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980901
Manifest ID:	97298673
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
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:	H01 - Transfer Station
Quantity Tons:	1.6
Waste Quantity:	3200
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:	19980804
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980804
Manifest ID:	97298651

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Trans EPA ID:	CAL931024038
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:	726 - Liquids with nickel > 134 mg/l
RCRA Code:	Not reported
Disposal Method:	T03 - Treatment, Incineration
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

Shipment Date:	19980804
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980804
Manifest ID:	97298651
Trans EPA ID:	CAL931024038
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:	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

Shipment Date:	19980804
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980804
Manifest ID:	97298651
Trans EPA ID:	CAL931024038
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:	724 - Liquids with lead > 500 mg/l

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

RCRA Code:	D002
Disposal Method:	R01 - Recycler
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
Shipment Date:	19980804
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980804
Manifest ID:	97298651
Trans EPA ID:	CAL931024038
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:	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
Shipment Date:	19980804
Creation Date:	10/1/1998 0:00:00
Receipt Date:	19980805
Manifest ID:	97298643
Trans EPA ID:	CAL931024038
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
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:	0.418
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

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Additional Code 5:	Not reported
Additional Info:	
Year:	1996
Gen EPA ID:	CAD063808182
Shipment Date:	19961213
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961226
Manifest ID:	96310977
Trans EPA ID:	CAD982019135
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
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:	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
Shipment Date:	19960926
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960930
Manifest ID:	96326692
Trans EPA ID:	CAD982019135
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
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:	0.3336
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960806

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960826
Manifest ID:	96052190
Trans EPA ID:	CAD982019135
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
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:	0.688
Waste Quantity:	165
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:	19960628
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960711
Manifest ID:	96052140
Trans EPA ID:	CAD982019135
Trans Name:	Not reported
Trans 2 EPA ID:	CAD076303254
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
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:	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
Shipment Date:	19960423
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960429
Manifest ID:	96264372
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	CAD982346207
Trans 2 Name:	Not reported

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

TSDF EPA ID:	CAD983650490
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:	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
Shipment Date:	19960410
Creation Date:	10/29/1996 0:00:00
Receipt Date:	19960412
Manifest ID:	95720035
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	982403586
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
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:	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
Shipment Date:	19960115
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960123
Manifest ID:	95720034
Trans EPA ID:	CAD982518268
Trans Name:	Not reported
Trans 2 EPA ID:	CAD000628636
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD983650490
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

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

Disposal Method:	R01 - Recycler
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

Additional Info:

Year:	2001
Gen EPA ID:	CAD063808182
Shipment Date:	20010829
Creation Date:	10/23/2001 0:00:00
Receipt Date:	20010831
Manifest ID:	21152101
Trans EPA ID:	CAR000047696
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:	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
Shipment Date:	20010417
Creation Date:	7/10/2001 0:00:00
Receipt Date:	20010419
Manifest ID:	20105151
Trans EPA ID:	CAD982019135
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:	0.2293
Waste Quantity:	55

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

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:	20010314
Creation Date:	5/31/2001 0:00:00
Receipt Date:	20010315
Manifest ID:	20105129
Trans EPA ID:	CAD982019135
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:	0.2293
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

HWTS:

Name:	WESTERN PACIFIC CIRCUITS
Address:	2033 N LINCOLN
Address 2:	Not reported
City,State,Zip:	BURBANK, CA 915040000
EPA ID:	CAD063808182
Inactive Date:	06/30/2001
Create Date:	07/23/1982
Last Act Date:	03/28/2005
Mailing Name:	Not reported
Mailing Address:	1105 E REDONDO BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	INGLEWOOD, CA 903020000
Owner Name:	SWANSON ENGINEERING AND MANUFA
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	--
Contact Address:	--
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

NAICS:

EPA ID:	CAD063808182
Create Date:	2002-03-14 16:36:26

WESTERN PACIFIC CIRCUITS (Continued) **1000402997**

NAICS Code:	3342
NAICS Description:	Communications Equipment Manufacturing
Issued EPA ID Date:	1982-07-23 00:00:00
Inactive Date:	2001-06-30 00:00:00
Facility Name:	WESTERN PACIFIC CIRCUITS
Facility Address:	2033 N LINCOLN
Facility Address 2:	Not reported
Facility City:	BURBANK
Facility County:	19
Facility State:	CA
Facility Zip:	915040000

129
NNE
1/2-1
0.788 mi.
4163 ft.

Relative:
Higher

Actual:
703 ft.

STEVE'S PLATING CORPORATION
3111 N. SAN FERNANDO RD
BURBANK, CA 91504

RCRA-LQG **1000431948**
CA ENVIROSTOR **CAD008474132**
CA CPS-SLIC
CA UST
CA SWEEPS UST
CA HIST UST
CA FID UST
US AIRS
CA EMI
CA LOS ANGELES CO. HMS
CA NPDES
CA WDS
CA WIP
CA CIWQS
CA CERS

RCRA-LQG:

Date form received by agency:	2016-07-25 00:00:00.0
Facility name:	STEVE'S PLATING CORPORATION
Facility address:	3111 N. SAN FERNANDO RD BURBANK, CA 91504
EPA ID:	CAD008474132
Mailing address:	N. SAN FERNANDO RD BURBANK, CA 91504
Contact:	ROGELIO RODRIGUEZ
Contact address:	N. SAN FERNANDO RD BURBANK, CA 91504
Contact country:	US
Contact telephone:	818-842-2184
Contact email:	Not reported
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

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Owner/Operator Summary:
- Owner/operator name: STEVE'S PLATING CORPORATION
- Owner/operator address: Not reported
  Not reported
- Owner/operator country: Not reported
- Owner/operator telephone: Not reported
- Owner/operator email: Not reported
- Owner/operator fax: Not reported
- Owner/operator extension: Not reported
- Legal status: Private
- Owner/Operator Type: Operator
- Owner/Op start date: 1961-01-01 00:00:00.
- Owner/Op end date: Not reported

- Owner/operator name: STEVE'S PLATING CORPORATION
- Owner/operator address: N. SAN FERNANDO RD
  BURBANK, CA 91504
- Owner/operator country: US
- Owner/operator telephone: 818-842-2184
- 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: 1961-01-01 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
- Used oil transporter: No

Historical Generators:
- Date form received by agency: 2010-08-10 00:00:00.0
- Site name: STEVE'S PLATING CORPORATION
- Classification: Large Quantity Generator

- Date form received by agency: 2008-01-21 00:00:00.0
- Site name: STEVE'S PLATING CORPORATION
- Classification: Large Quantity Generator

- Date form received by agency: 2006-01-19 00:00:00.0
- Site name: STEVE'S PLATING
- Classification: Large Quantity Generator

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Date form received by agency: 2004-02-12 00:00:00.0
Site name: STEVE'S PLATING CORP.
Classification: Large Quantity Generator

Date form received by agency: 2002-02-20 00:00:00.0
Site name: STEVE'S PLATING CORP.
Classification: Large Quantity Generator

Date form received by agency: 2000-10-12 00:00:00.0
Site name: STEVE'S PLATING CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 1999-04-21 00:00:00.0
Site name: STEVES PLATING CORP.
Classification: Large Quantity Generator

Date form received by agency: 1996-09-01 00:00:00.0
Site name: STEVES PLATING CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 1980-07-28 00:00:00.0
Site name: STEVES PLATING CORPORATION
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 121
. Waste name: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

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

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

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

. 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

STEVE'S PLATING CORPORATION (Continued) **1000431948**

SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F006
. Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:
Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 7000

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
Amount (Lbs): 3000

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 2008-08-04 00:00:00.0
Date achieved compliance: 2008-12-11 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 2008-08-22 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: Not reported
Area of violation: Generators - Pre-transport

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Date violation determined: 2008-08-04 00:00:00.0
Date achieved compliance: 2008-12-11 00:00:00.0
Violation lead agency: EPA
Enforcement action: COMPLIANCE EVALUATION INSPECTION ON-SITE
Enforcement action date: 2008-11-18 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

Evaluation Action Summary:
Evaluation date: 2008-08-04 00:00:00.0
Evaluation: WRITTEN INFORMAL
Area of violation: Generators - Pre-transport
Date achieved compliance: 2008-12-11 00:00:00.0
Evaluation lead agency: EPA

ENVIROSTOR:
Name: STEVE'S PLATING CORP.
Address: 3111 N. SAN FERNANDO BOULEVARD
City,State,Zip: BURBANK, CA 91504
Facility ID: 71002229
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 Chatsworth
Assembly: 43
Senate: 25
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.20229
Longitude: -118.3445
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008474132
Alias Type: EPA Identification Number
Alias Name: 71002229
Alias Type: Envirostor ID Number

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

STEVE'S PLATING CORPORATION (Continued) **1000431948**

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: STEVE'S PLATING CORP.
Address: 3111 N. SAN FERNANDO BLVD.
City,State,Zip: BURBANK, CA 91504
Region: STATE
Facility Status: **Open - Inactive**
Status Date: 01/28/2016
Global Id: SL603798626
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.2023818792018
Longitude: -118.345152249351
Case Type: Cleanup Program Site
Case Worker: AGH
Local Agency: Not reported
RB Case Number: 104.1015
File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: A subsurface investigation for metals in soil was conducted in 2005. Twelve borings were advanced at the site. A maximum hexavalent chromium concentration of 19.4 mg/kg was detected in soil at 1 foot bgs.

Click here to access the California GeoTracker records for this facility:

UST:
Name: STEVES PLATING
Address: 3111 N SAN FERNANDO BLVD
City,State,Zip: BURBANK, CA 91504
Facility ID: 11617
Permitting Agency: BURBANK, CITY OF
Latitude: 34.20258
Longitude: -118.34481

SWEEPS UST:
Name: STEVES PLATING CORP
Address: 3111 N SAN FERNANDO BLVD
City: BURBANK
Status: Active
Comp Number: 11617
Number: 1
Board Of Equalization: Not reported

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Referral Date: 09-24-91
Action Date: 09-24-91
Created Date: 06-30-89
Owner Tank Id: UNKNOWN
SWRCB Tank Id: 19-007-011617-000001
Tank Status: A
Capacity: 1
Active Date: 02-06-92
Tank Use: CHEMICAL
STG: P
Content: TRICHLOROETH
Number Of Tanks: 2

Name: STEVES PLATING CORP
Address: 3111 N SAN FERNANDO BLVD
City: BURBANK
Status: Active
Comp Number: 11617
Number: 1
Board Of Equalization: Not reported
Referral Date: 09-24-91
Action Date: 09-24-91
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-007-011617-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

HIST UST:
Name: STEVES PLATING CORP
Address: 3111 N SAN FERNANDO BLVD BUR
City,State,Zip: BURBANK, CA 91504
File Number: 000288A2
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000288A2.pdf
Region: STATE
Facility ID: 00000050573
Facility Type: Other
Other Type: PLATING
Contact Name: Not reported
Telephone: 8188422184
Owner Name: STEVE'S PLATING CORP.
Owner Address: 3111 N. SAN FERNANDO BLVD.
Owner City,St,Zip: BURBANK, CA 91504
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: 1967
Tank Capacity: 00000100
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: 16

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Leak Detection: Visual

Tank Num: 002
Container Num: #2
Year Installed: 1967
Tank Capacity: 00001600
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 003
Container Num: 3
Year Installed: 1983
Tank Capacity: 00000030
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 19028555
Regulated By: UTNKA
Regulated ID: 00050573
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 8180000000
Mail To: Not reported
Mailing Address: 3111 N SAN FERNANDO BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: BURBANK 91504
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

US AIRS MINOR:
Envid: 1000431948
Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
D and B Number: Not reported
Primary SIC Code: 3499
NAICS Code: 332813
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2003-03-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-02-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2004-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-05-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2006-07-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 1997-06-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 1998-07-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 1999-08-19 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2003-03-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2004-02-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2004-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2005-05-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 09
Programmatic ID: AIR CASCA00006037CJ016
Facility Registry ID: 110000898477
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: Title V Permits
Activity Date: 2006-07-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

EMI:
Name: STEVE'S PLATING CORPORATION
Address: 3111 N SAN FERNANDO BLVD .
City,State,Zip: BURBANK, CA 91504
Year: 1987

STEVE'S PLATING CORPORATION (Continued) **1000431948**

County Code:	19
Air Basin:	SC
Facility ID:	17098
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	18
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:	STEVE'S PLATING CORPORATION
Address:	3111 N SAN FERNANDO BLVD .
City,State,Zip:	BURBANK, CA 91504
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	17098
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	6
SOX - Oxides of Sulphur Tons/Yr:	2
Particulate Matter Tons/Yr:	6
Part. Matter 10 Micrometers and Smllr Tons/Yr:	4

Name:	STEVE'S PLATING CORPORATION
Address:	3111 N SAN FERNANDO BLVD .
City,State,Zip:	BURBANK, CA 91504
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	17098
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	8
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:	STEVE'S PLATING CORPORATION

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Address:	3101-3111 N SAN FERNANDO BLVD
City,State,Zip:	BURBANK, CA 91504
Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	17098
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
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:	STEVE'S PLATING CORPORATION
Address:	3101-3111 N SAN FERNANDO BLVD
City,State,Zip:	BURBANK, CA 91504
Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	17098
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
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:	STEVE'S PLATING CORPORATION
Address:	3101-3111 N SAN FERNANDO BLVD
City,State,Zip:	BURBANK, CA 91504
Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	17098
Air District Name:	SC
SIC Code:	3471
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
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

STEVE'S PLATING CORPORATION (Continued) **1000431948**

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

Name: STEVE'S PLATING CORPORATION
Address: 3101-3111 N SAN FERNANDO BLVD
City,State,Zip: BURBANK, CA 91504
Year: 2000
County Code: 19
Air Basin: SC
Facility ID: 17098
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 10
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: STEVE'S PLATING CORPORATION
Address: 3101-3111 N SAN FERNANDO BLVD
City,State,Zip: BURBANK, CA 91504
Year: 2001
County Code: 19
Air Basin: SC
Facility ID: 17098
Air District Name: SC
SIC Code: 3471
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

LOS ANGELES CO. HMS:
Name: STEVES PLATING CORP
Address: 3111 N SAN FERNANDO BLVD
City,State,Zip: BURBANK, CA 91504
Region: LA
Permit Category: T
Facility Id: 011568-011617
Facility Type: 0
Facility Status: Removed
Area: 3E
Permit Number: 00003175T
Permit Status: Removed

Name: STEVE'S PLATING CORP
Address: 3111 N SAN FERNANDO BLVD

STEVE'S PLATING CORPORATION (Continued) **1000431948**

City,State,Zip: BURBANK, CA 91504
Region: LA
Permit Category: Not reported
Facility Id: 023027-032196
Facility Type: Not reported
Facility Status: OPEN
Area: 3E
Permit Number: Not reported
Permit Status: Not reported

NPDES:

Name:	STEVES PLATING CORP
Address:	3111 N SAN FERNANDO BLVD
City,State,Zip:	BURBANK, CA 91504
Facility Status:	Terminated
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	191264
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19I016820
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/26/2001
Termination Date Of Regulatory Measure:	09/27/2018
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	3111 N San Fernando Blvd
Discharge Name:	Steves Plating Corp
Discharge City:	Burbank
Discharge State:	California
Discharge Zip:	91504
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:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	191264
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I016820
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/26/2001
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Steves Plating Corp

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Discharge Address:	3111 N San Fernando Blvd
Discharge City:	Burbank
Discharge State:	California
Discharge Zip:	91504
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
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

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	191264
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I016820
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	09/26/2001
Status:	Active
Status Date:	09/26/2001
Place Size:	80000
Place Size Unit:	SqFt
Contact:	Rogelio Rodriguez
Contact Title:	Environmental Manager
Contact Phone:	818-842-2184
Contact Phone Ext:	Not reported
Contact Email:	rrodriguez@stevesplating.com
Operator Name:	Steves Plating Corp
Operator Address:	3111 N San Fernando Blvd
Operator City:	Burbank
Operator State:	California
Operator Zip:	91504
Operator Contact:	Rogelio Rodriguez
Operator Contact Title:	Environmental Manager
Operator Contact Phone:	818-842-2184
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	rrodriguez@stevesplating.com
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:	818-842-2184
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	La River Pacific Ocean
Certifier:	rogelio rodriguez
Certifier Title:	environmental manager
Certification Date:	30-JUL-15
Primary Sic:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	STEVES PLATING CORP
Address:	3111 N SAN FERNANDO BLVD
City,State,Zip:	BURBANK, CA 91504
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:	4 19I016820
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:	12/11/2018
Operator Name:	Steves Plating Corp
Operator Address:	3111 N San Fernando Blvd
Operator City:	Burbank
Operator State:	California
Operator Zip:	91504

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Region:	4
Regulatory Measure ID:	191264
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I016820
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	09/26/2001
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Steves Plating Corp
Discharge Address:	3111 N San Fernando Blvd
Discharge City:	Burbank
Discharge State:	California
Discharge Zip:	91504
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

STEVE'S PLATING CORPORATION (Continued) **1000431948**

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:	4
Regulatory Measure ID:	191264
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I016820
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	09/26/2001
Status:	Active
Status Date:	09/26/2001
Place Size:	80000
Place Size Unit:	SqFt
Contact:	Rogelio Rodriguez
Contact Title:	Environmental Manager
Contact Phone:	818-842-2184
Contact Phone Ext:	Not reported
Contact Email:	rrodriguez@stevesplating.com
Operator Name:	Steves Plating Corp
Operator Address:	3111 N San Fernando Blvd
Operator City:	Burbank
Operator State:	California
Operator Zip:	91504
Operator Contact:	Rogelio Rodriguez
Operator Contact Title:	Environmental Manager
Operator Contact Phone:	818-842-2184
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	rrodriguez@stevesplating.com
Operator Type:	Private Business

STEVE'S PLATING CORPORATION (Continued) **1000431948**

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:	818-842-2184
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	La River Pacific Ocean
Certifier:	rogelio rodriguez
Certifier Title:	environmental manager
Certification Date:	30-JUL-15
Primary Sic:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	STEVES PLATING CORP
Address:	3111 N San Fernando Blvd
City:	BURBANK
Facility ID:	4 19I016820
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:	4
Facility Telephone:	8188422184
Facility Contact:	STEPHEN DALE KNEZEVICH
Agency Name:	STEVES PLATING CORP
Agency Address:	3111 N San Fernando Blvd
Agency City,St,Zip:	Burbank 915042527

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Agency Contact:	STEPHEN DALE KNEZEVICH
Agency Telephone:	8188422184
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or 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.

WIP:

Name:	STEVE'S PLATING CORP.
Address:	3111 N San Fernando Blvd
City,State,Zip:	BURBANK, CA 91504
Region:	4
File Number:	104.1015
File Status:	**Active**
Staff:	MZAIDI
Facility Suite:	Not reported

CIWQS:

Name:	STEVES PLATING CORP
Address:	3111 N SAN FERNANDO BLVD
City,State,Zip:	BURBANK, CA 91504
Agency:	Steves Plating Corp
Agency Address:	3111 N San Fernando Blvd, Burbank, CA 91504
Place/Project Type:	Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring
SIC/NAICS:	3471
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I016820
NPDES Number:	CAS000001
Adoption Date:	Not reported

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Effective Date:	09/26/2001
Termination Date:	09/27/2018
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	1
Latitude:	34.20246
Longitude:	-118.34459

CERS:

Name:	STEVE'S PLATING CORP
Address:	3111 N. SAN FERNANDO BLVD.
City,State,Zip:	BURBANK, CA 91504
Site ID:	210078
CERS ID:	SL603798626
CERS Description:	Cleanup Program Site

Name:	STEVE'S PLATING CORPORATION
Address:	3111 NORTH SAN FERNANDO BOULEVARD
City,State,Zip:	BURBANK, CA 91504-2527
Site ID:	496331
CERS ID:	110000898477
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Facility Owner
Entity Name:	STEVE S PLATING
Entity Title:	OWNER
Affiliation Address:	3111 N SAN FERNANDO BLVD
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	STEVE KNEZEVICH
Entity Title:	OPERATOR
Affiliation Address:	3111 N SAN FERNANDO BLVD
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	ROGELIO RODRIGUEZ
Entity Title:	ENVIRONMENTAL CONTACT
Affiliation Address:	3111 N SAN FERNANDO BLVD
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

STEVE'S PLATING CORPORATION (Continued) **1000431948**

Affiliation Type Desc:	Environmental Contact
Entity Name:	Carlos Olmos
Entity Title:	Production 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:	Public Contact
Entity Name:	DALE KNEZEVICH
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:	ROGELIO RODRIQUEZ
Entity Title:	ENV MANAGER
Affiliation Address:	3111 NORTH SAN FERNANDO BLVD
Affiliation City:	BURBANK
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	LARRY MOORE LOS ANGELES RWQCB REGN 4TH
Entity Title:	Not reported
Affiliation Address:	320 W 4TH ST NA SUITE 200
Affiliation City:	LOSANGELES
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

130
NW
1/2-1
0.885 mi.
4675 ft.

MARTIN AVIATION
3000 CLYBOURN
BURBANK, CA 91505

CA ENVIROSTOR **S104733347**
CA HIST UST **N/A**
CA EMI
CA LOS ANGELES CO. HMS
CA CERS

Relative: Higher

Actual: 732 ft.

ENVIROSTOR:

Name:	PAC AIRCRAFT ENGINEERING CENTER
Address:	3000 CLYBOURN AVENUE
City,State,Zip:	BURBANK, CA 91505
Facility ID:	19760010
Status:	No Further Action
Status Date:	10/25/1994
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1

MARTIN AVIATION (Continued) **S104733347**

NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: * Harlan Jeche
Division Branch: Cleanup Chatsworth
Assembly: 39
Senate: 25
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.20388
Longitude: -118.3625
APN: NONE SPECIFIED
Past Use: AIRCRAFT MAINTENANCE
Potential COC: TPH-diesel TPH-MOTOR OIL
Confirmed COC: 30024-NO 3002502-NO
Potential Description: SOIL, SV, IA
Alias Name: MARTIN AVIATION.
Alias Type: Alternate Name
Alias Name: MEDIA AVIATION COMPANY
Alias Type: Alternate Name
Alias Name: TIGER
Alias Type: Alternate Name
Alias Name: CAD980636617
Alias Type: EPA Identification Number
Alias Name: 19760010
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: Staff conducted a drive-by on 12/17/1993. The site is now a Flight School, Media Aviation Company. No evidence of a HW release. Database verification program confirmed NFA recommendation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 12/17/1993
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/01/1984
Comments: SOURCE ACT: T/C W/ M.ASPER,PUREX CORP, 213-630-7592 4/30/84 - AIRCRAFT SERVICE SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/28/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

MARTIN AVIATION (Continued) **S104733347**

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:	MARTIN AVIATION
Address:	3000 CLYBOURN
City,State,Zip:	BURBANK, CA 91505
File Number:	00027A6B
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027A6B.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

EMI:

Name:	MARTIN AVIATION
Address:	3000 CLYBOURN
City,State,Zip:	BURBANK, CA 91575
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	47733
Air District Name:	SC
SIC Code:	5171
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	5
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

MARTIN AVIATION (Continued) **S104733347**

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

Name: MEDIA AVIATION, L.P.
Address: 3000 CLYBOURN
City,State,Zip: BURBANK, CA 91575
Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 47733
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 41
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: MEDIA AVIATION, L.P.
Address: 3000 CLYBOURN AV
City,State,Zip: BURBANK, CA 91575
Year: 1995
County Code: 19
Air Basin: SC
Facility ID: 47733
Air District Name: SC
SIC Code: 5171
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 4
Carbon Monoxide Emissions Tons/Yr: 35
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: MEDIA AVIATION, L.P.
Address: 3000 CLYBOURN AVE
City,State,Zip: BURBANK, CA 91575
Year: 1996
County Code: 19
Air Basin: SC
Facility ID: 47733
Air District Name: SC
SIC Code: 5171
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

MARTIN AVIATION (Continued) **S104733347**

Carbon Monoxide Emissions Tons/Yr: 28
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

LOS ANGELES CO. HMS:
Name: BURBANK AIR SERVICE INC
Address: 3000 CLYBOURN AVE #31
City,State,Zip: BURBANK, CA 91505
Region: LA
Permit Category: Not reported
Facility Id: 023404-032683
Facility Type: Not reported
Facility Status: OPEN
Area: 3E
Permit Number: Not reported
Permit Status: Not reported

CERS:
Name: MEDIA AVIATION L P
Address: 3000 CLYBOURN AVE
City,State,Zip: BURBANK, CA 91505-1012
Site ID: 479957
CERS ID: 110010476975
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HU LOS ANGELES RWQCB REGN 4TH
Entity Title: Not reported
Affiliation Address: 320 W 4TH ST NA SUITE 200
Affiliation City: LOSANGELES
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AG131 **HUGHEY & PHILLIPS INC** **CA ENVIROSTOR** **S102860886**
NNE **3050 CALIFORNIA STREET** **N/A**
1/2-1 **BURBANK, CA 91504**
0.916 mi.
4837 ft. **Site 1 of 3 in cluster AG**

Relative:
Higher

Actual:
707 ft.

ENVIROSTOR:
Name: HUGHEY & PHILLIPS INC
Address: 3050 CALIFORNIA STREET
City,State,Zip: BURBANK, CA 91504
Facility ID: 19360474
Status: No Further Action
Status Date: 02/02/1995
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: 0
NPL: NO

HUGHEY & PHILLIPS INC (Continued) **S102860886**

Regulatory Agencies: HWMP
Lead Agency: HWMP
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 43
Senate: 25
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.20459
Longitude: -118.3451
APN: 2466004008
Past Use: NONE
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: 31000-NO
Potential Description: NMA
Alias Name: 2466004008
Alias Type: APN
Alias Name: 19360474
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: 02/02/1995
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 04/15/1988
Comments: PRELIM ASSESS DONE PA MED DUE TO LACK OF INFO.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/25/1983
Comments: FACILITY IDENTIFIED ID FROM DRIVE-BYS IN VICINITY. FACILITY DRIVE-BY PAVED AROUND BLDG. DRUMS IN BACK.

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

AG132 **BRASS PRODUCTION COMPANY** **CA ENVIROSTOR** **S102860870**
NNE **3059-3063 NORTH CALIFORNIA STREET** **N/A**
1/2-1 **BURBANK, CA 91505**
0.940 mi.
4963 ft. **Site 2 of 3 in cluster AG**

Relative:
Higher

Actual:
710 ft.

ENVIROSTOR:

Name:	BRASS PRODUCTION COMPANY
Address:	3059-3063 NORTH CALIFORNIA STREET
City,State,Zip:	BURBANK, CA 91505
Facility ID:	19330317
Status:	No Further Action
Status Date:	10/25/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	43
Senate:	25
Special Program:	* Site Char & Assess Grant (CERCLA 104)
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.20505
Longitude:	-118.3457
APN:	2466001045
Past Use:	JUNKYARD
Potential COC:	Cyanide (free
Confirmed COC:	30160-NO
Potential Description:	NMA
Alias Name:	MAGNA PLATING COMPANY
Alias Type:	Alternate Name
Alias Name:	NU WAY PLATING COMPANY INC
Alias Type:	Alternate Name
Alias Name:	2466001045
Alias Type:	APN
Alias Name:	CAD008335812
Alias Type:	EPA Identification Number
Alias Name:	110002632642
Alias Type:	EPA (FRS #)
Alias Name:	19330317
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 VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	06/01/1985

BRASS PRODUCTION COMPANY (Continued) **S102860870**

Comments: BRASS & MAGNA WERE AT THE SAME LOCATION. (MAGNA) T/C W/ F.SPILMAN,MAGNA,213-849- PRIOR TO 1983 WASTES WERE HAULED TO BKK WASTE TREATMENT SYSTEM. YR OF OPER: 1960 TO PRESENT HAS BEEN USI 3151,2/26/85 - SOURCE ACT: PLATING SHOP PERMIT: CITY-IWD # 0112, EPA-WASTE WATER BY OIL PROCESS CO. CURRENTLY SOLID CAKE PERMIT. ZINC CYANIDE,CR ACIDE,SULFURIC ACID,CAD- 84 - SOURCE ACT: PLATING USING ZINC OXID (BRASS) LACH HAZD WASTE PROD SURVEY,8/24 TANKS, 1 CLARIFIER, CYANIDE DESTRUCT.UNT MIUM,MURIATIC ACID. FAC TYPE: 3 HOLDING 15-400 55GAL DRUMS/M. YR OF OPER: 1960 T SUBMIT TO EPA REF TO EPA REG.9 PRELIM ASSESS DONE CERCLA 104

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/16/1983
Comments: FACILITY IDENTIFIED ID FROM DRIVE-BYS IN VICINITY. FACILITY DRIVE-BY LOCATED IN A DENSE INDSTR AREA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 10/22/1982
Comments: FACILITY IDENTIFIED ID FROM 1947 TEL BOOK (MAGNA PLATING)

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

AG133 **MAGNA PLATING, INC.** **CA ENVIROSTOR** **1000306879**
NNE **3063 NORTH CALIFORNIA STREET** **CA CPS-SLIC** **N/A**
1/2-1 **BURBANK, CA 91504** **CA CERS HAZ WASTE**
0.949 mi. **CA HIST UST**
5012 ft. **Site 3 of 3 in cluster AG** **FINDS**
ECHO
Relative: **CA LOS ANGELES CO. HMS**
Higher **CA WDS**
Actual: **CA WIP**
711 ft. **CA CERS**

ENVIROSTOR:
Name: MAGNA PLATING CO., INC.
Address: 3063 N. CALIFORNIA STREET
City,State,Zip: BURBANK, CA 91504
Facility ID: 71002197
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

MAGNA PLATING, INC. (Continued) **1000306879**

Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 43
Senate: 25
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.15146
Longitude: -118.3343
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008335812
Alias Type: EPA Identification Number
Alias Name: 110002632642
Alias Type: EPA (FRS #)
Alias Name: 71002197
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: MAGNA PLATING CO.
Address: 3063 N. CALIFORNIA ST.
City,State,Zip: BURBANK, CA 91504
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 09/29/2005
Global Id: SL603798600
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.205197
Longitude: -118.345784
Case Type: Cleanup Program Site
Case Worker: NLA
Local Agency: Not reported
RB Case Number: 104.0202

MAGNA PLATING, INC. (Continued) **1000306879**

File Location: Regional Board
Potential Media Affected: Aquifer used for drinking water supply
Potential Contaminants of Concern: Not reported
Site History: Magna Plating was developed as a plating facility from 1953 through July 2006. The present ownership has operated Magna-Plating Company since 1963. Magna-Plating Company utilized cadmium, zinc, nickel and chromium in their operations as a plating facility. Chromium use was reportedly phased out in 1997. The Los Angeles Regional Water Quality Control Board (LARWQCB) required the plating facilities to evaluate and remediate the presence of heavy metals in soil, and chlorinated solvents, total chromium, hexavalent chromium and metals in groundwater.

Click here to access the California GeoTracker records for this facility:

CERS HAZ WASTE:
Name: MAGNA PLATING CO
Address: 3063 N CALIFORNIA ST
City,State,Zip: BURBANK, CA 91504
Site ID: 132365
CERS ID: 10151903
CERS Description: RCRA LQ HW Generator

Name: MAGNA PLATING CO
Address: 3063 N CALIFORNIA ST
City,State,Zip: BURBANK, CA 91504
Site ID: 132365
CERS ID: 10151903
CERS Description: Hazardous Waste Generator

HIST UST:
Name: MAGNA PLATING CO
Address: 3063 N CALIFORNIA ST
City,State,Zip: BURBANK, CA 91504
File Number: 000279C4
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000279C4.pdf
Region: STATE
Facility ID: 00000007812
Facility Type: Other
Other Type: PLATING
Contact Name: FLOYD SPILMAN
Telephone: 8188493151
Owner Name: MAGNA PLATING CO.
Owner Address: 3063 N. CALIFORNIA ST
Owner City,St,Zip: BURBANK, CA 91504
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: 1983
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 3/4"
Leak Detection: Visual

MAGNA PLATING, INC. (Continued) **1000306879**

Click here for Geo Tracker PDF:

FINDS:
Registry ID: 110002632642
Facility URL: http://ofmpub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002632642

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
STATE MASTER

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

ECHO:
Envid: 1000306879
Registry ID: 110002632642
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002632642
Name: MAGNA PLATING, INC.
Address: 3063 NORTH CALIFORNIA STREET
City,State,Zip: BURBANK, CA 91504

LOS ANGELES CO. HMS:
Name: MAGNA PLATING CO
Address: 3063 N CALIFORNIA ST
City,State,Zip: BURBANK, CA 91504
Region: LA
Permit Category: Not reported
Facility Id: 023367-032645
Facility Type: Not reported
Facility Status: OPEN
Area: 3E
Permit Number: Not reported
Permit Status: Not reported

WDS:
Name: MAGNA PLATING
Address: 3063 N California St
City: BURBANK

MAGNA PLATING, INC. (Continued) **1000306879**

Facility ID:	4 19I004519
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:	4
Facility Telephone:	Not reported
Facility Contact:	FLOYD SPILMAN
Agency Name:	KAY INVESTMENTS
Agency Address:	3063 N. California St.
Agency City,St,Zip:	Burbank 915042005
Agency Contact:	FLOYD SPILMAN
Agency Telephone:	3238493151
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or 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.

WIP:

Name:	MAGNA PLATING CO.
Address:	3063 N California St
City,State,Zip:	BURBANK, CA 91504
Region:	4
File Number:	104.0202
File Status:	**Active**
Staff:	MZAIDI
Facility Suite:	Not reported

MAGNA PLATING, INC. (Continued) **1000306879**

CERS:
- Name: MAGNA PLATING CO
- Address: 3063 N CALIFORNIA ST
- City,State,Zip: BURBANK, CA 91504
- Site ID: 132365
- CERS ID: SL603798600
- CERS Description: Cleanup Program Site

Violations:
- Site ID: 132365
- Site Name: MAGNA PLATING CO
- Violation Date: 01-01-2007
- Citation: HSC 6.67 Multiple Sections - California Health and Safety Code, Chapter 6.67, Section(s) Multiple Sections
- Violation Description: RCRA Large Quantity Generator Program - Administration/Documentation - General
- Violation Notes: Returned to compliance on 01/05/2007. the facility was Out of Business on inspection, violation incorrectly cited
- Violation Division: Los Angeles County Fire Department
- Violation Program: HWLQG
- Violation Source: CERS

Evaluation:
- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 01-05-2007
- Violations Found: No
- Eval Type: Routine done by local agency
- Eval Notes: Inspector Name: LQG INSPECTION
- Eval Division: Los Angeles County Fire Department
- Eval Program: HWLQG
- Eval Source: CERS

- Eval General Type: Other/Unknown
- Eval Date: 01-01-2007
- Violations Found: No
- Eval Type: Other, not routine, done by local agency
- Eval Notes: Inspector Name: ROUTINE INSPECTION
- Eval Division: Los Angeles County Fire Department
- Eval Program: HWLQG
- Eval Source: CERS

- Eval General Type: Compliance Evaluation Inspection
- Eval Date: 01-01-2007
- Violations Found: Yes
- Eval Type: Routine done by local agency
- Eval Notes: Inspector Name: ROUTINE INSPECTION
- Eval Division: Los Angeles County Fire Department
- Eval Program: HWLQG
- Eval Source: CERS

Coordinates:
- Site ID: 132365
- Facility Name: MAGNA PLATING CO
- Env Int Type Code: HWG
- Program ID: 10151903
- Coord Name: Not reported

MAGNA PLATING, INC. (Continued) **1000306879**

Ref Point Type Desc: Center of a facility or station.
Latitude: 34.205200
Longitude: -118.345790

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 453 EAST IRVING DRIVE
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 91504-2005
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles County Fire
Entity Title: Not reported
Affiliation Address: 5825 Rickenbacker Road
Affiliation City: Commerce
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90040-3027
Affiliation Phone: (323) 890-4045

Affiliation Type Desc: Parent Corporation
Entity Name: MAGNA PLATING CO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: FLOYD SPILMAN
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: BURBANK
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 91504-2005
Affiliation Phone: (323) 849-3151

Affiliation Type Desc: Regional Board Caseworker
Entity Name: NICOLE ALKOV - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W 4th Street, Suite 200
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766677

AH134 **ADEL PRECISION PRODUCTS CORP.** **CA ENVIROSTOR** **S107735788**
West **N/A**
1/2-1 **NORTH HOLLYWOOD, CA**
0.994 mi.
5250 ft. **Site 1 of 2 in cluster AH**

Relative:
Higher

Actual:
708 ft.

ENVIROSTOR:

Name:	ADEL PRECISION PRODUCTS CORP.
Address:	Not reported
City,State,Zip:	NORTH HOLLYWOOD, CA
Facility ID:	80000977
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	0
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	39
Senate:	18
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	34.19305
Longitude:	-118.3694
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799FA36000
Alias Type:	Federal Facility ID
Alias Name:	J09CA7331
Alias Type:	INPR
Alias Name:	80000977
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:	05/17/1999
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

AH135 **ADEL PRECISION PRODUCTS CORP.** **FUDS** **1024904009**
West **N/A**
1/2-1 **NORTH HOLLYWOOD, CA**
0.997 mi.
5264 ft. **Site 2 of 2 in cluster AH**

Relative: **Higher**

Actual: **708 ft.**

FUDS:

EPA Region:	9
Installation ID:	CA99799FA36000
Congressional District Number:	29
Facility Name:	ADEL PRECISION PRODUCTS CORP.
FUDS Number:	J09CA7331
City:	NORTH HOLLYWOOD
State:	CA
County:	LOS ANGELES
USACE District:	Los Angeles District (SPL)
Status:	Properties without projects
Current Owner:	Not reported
EMS Map Link:	https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=63067
Eligibility:	Ineligible
Has Projects:	No
NPL Status:	Not Listed
X Coord:	-118.369444439999
Y Coord:	34.193055559999998
Latitude:	34.193055559999998
Longitude:	-118.36944444

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NORTH HOLLYWOOD	S100833437	SAN FERNANDO VALLEY GROUND WATER B	NORTH HOLLYWOOD AREA	91606	CA CHMIRS, CA BOND EXP. PLAN

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: 03/25/2020
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 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: 04/02/2020
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: 04/02/2020
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: 04/02/2020
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: 04/02/2020
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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

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: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

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: 02/10/2020
Next Scheduled EDR Contact: 05/25/2020
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: 11/22/2019
Date Data Arrived at EDR: 11/22/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/20/2020
Next Scheduled EDR Contact: 06/08/2020
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: 11/22/2019
Date Data Arrived at EDR: 11/22/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/20/2020
Next Scheduled EDR Contact: 06/08/2020
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: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/07/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/28/2020
Next Scheduled EDR Contact: 05/11/2020
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: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/07/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/28/2020
Next Scheduled EDR Contact: 05/11/2020
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: 11/11/2019
Date Data Arrived at EDR: 11/12/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 57

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/11/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 66
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 12/16/2019
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
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

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 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: 12/06/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/25/2020
Number of Days to Update: 77
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

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
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

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 73
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/10/2020
Next Scheduled EDR Contact: 06/22/2020
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69
Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/12/2020
Next Scheduled EDR Contact: 06/29/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/07/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/28/2020
Next Scheduled EDR Contact: 05/11/2020
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

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: 01/24/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71

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: 02/07/2020
Next Scheduled EDR Contact: 05/25/2020
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: 01/27/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Varies

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

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

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 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: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/07/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/28/2020
Next Scheduled EDR Contact: 05/11/2020
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: 06/30/2018
Date Data Arrived at EDR: 07/16/2019
Date Made Active in Reports: 09/24/2019
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 03/26/2020
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: 01/22/2020
Next Scheduled EDR Contact: 05/04/2020
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: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71

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: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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: 01/31/2020
Next Scheduled EDR Contact: 05/18/2020
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: 01/22/2020
Next Scheduled EDR Contact: 05/04/2020
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: 12/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 04/02/2020
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: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

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: 01/22/2020
Next Scheduled EDR Contact: 05/04/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 66

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
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: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 12/16/2019
Date Data Arrived at EDR: 12/16/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 4

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: 11/12/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 70

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
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: 01/10/2020
Next Scheduled EDR Contact: 04/20/2020
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: 02/13/2020
Next Scheduled EDR Contact: 05/25/2020
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: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
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: 02/07/2020
Next Scheduled EDR Contact: 05/18/2020
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: 12/31/2017
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 11/21/2019
Number of Days to Update: 370
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/05/2020
Next Scheduled EDR Contact: 06/01/2020
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: 01/24/2020
Next Scheduled EDR Contact: 05/04/2020
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: 04/02/2020
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: 04/25/2019
Date Data Arrived at EDR: 05/02/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Update: 21
Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/21/2020
Next Scheduled EDR Contact: 05/04/2020
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: 04/02/2020
Next Scheduled EDR Contact: 05/18/2020
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: 01/10/2020
Next Scheduled EDR Contact: 04/20/2020
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: 01/21/2020
Next Scheduled EDR Contact: 05/04/2020
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: 12/31/2018
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: 02/07/2020
Next Scheduled EDR Contact: 05/18/2020
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: 10/01/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 78
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/28/2020
Next Scheduled EDR Contact: 05/11/2020
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: 01/07/2020
Next Scheduled EDR Contact: 04/20/2020
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: 01/31/2020
Next Scheduled EDR Contact: 05/18/2020
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: 02/21/2020
Next Scheduled EDR Contact: 06/01/2020
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: 04/02/2020
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: 12/03/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 03/02/2020
Next Scheduled EDR Contact: 06/15/2020
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: 11/06/2019
Date Data Arrived at EDR: 11/25/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 64

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/25/2020
Next Scheduled EDR Contact: 06/08/2020
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: 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: 02/28/2020
Next Scheduled EDR Contact: 06/08/2020
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: 02/28/2020
Next Scheduled EDR Contact: 06/08/2020
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: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: Varies

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

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

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 70
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
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 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: 02/14/2020
Next Scheduled EDR Contact: 05/25/2020
Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 10/31/2019
Date Data Arrived at EDR: 11/01/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 40

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 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: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 09/27/2019
Date Data Arrived at EDR: 10/01/2019
Date Made Active in Reports: 11/07/2019
Number of Days to Update: 37

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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: 09/06/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/12/2019
Number of Days to Update: 62

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 12/31/2017
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: 07/19/2019
Date Data Arrived at EDR: 07/22/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 66

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
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: 11/08/2019
Date Data Arrived at EDR: 11/12/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 57

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/25/2020
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: 04/22/2019
Next Scheduled EDR Contact: 04/20/2020
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 65

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
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: 11/18/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/19/2020
Next Scheduled EDR Contact: 06/01/2020
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: 01/07/2020
Next Scheduled EDR Contact: 04/20/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/24/2020
Number of Days to Update: 76
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: 11/22/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62
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: 11/11/2019
Date Data Arrived at EDR: 11/12/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 57
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/11/2020
Next Scheduled EDR Contact: 05/25/2020
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: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71
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: 12/11/2019
Date Data Arrived at EDR: 12/12/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 71
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: 12/06/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
Number of Days to Update: 70
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/10/2020
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: 01/07/2020
Next Scheduled EDR Contact: 04/20/2020
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: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
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

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
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

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: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/19/2020
Number of Days to Update: 71

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: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

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: 01/22/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
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

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
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

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
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

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
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

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/18/2020
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

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

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: 02/28/2020
Next Scheduled EDR Contact: 06/08/2020
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: 03/26/2020
Next Scheduled EDR Contact: 07/24/2047
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: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 02/27/2020
Next Scheduled EDR Contact: 05/18/2020
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: 12/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/27/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 43

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/11/2020
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: 01/03/2020
Next Scheduled EDR Contact: 05/11/2020
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: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
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: 03/26/2020
Next Scheduled EDR Contact: 06/01/2020
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: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
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: 02/13/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 11/05/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 64

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/18/2020
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: 11/25/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 61
Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 06/01/2020
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: 01/08/2020
Next Scheduled EDR Contact: 04/27/2020
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/22/2019
Date Data Arrived at EDR: 07/23/2019
Date Made Active in Reports: 09/26/2019
Number of Days to Update: 65
Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
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

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: 01/14/2020
Next Scheduled EDR Contact: 04/27/2020
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: 01/17/2020
Next Scheduled EDR Contact: 04/27/2020
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: 01/14/2020
Next Scheduled EDR Contact: 04/27/2020
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: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
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: 11/18/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 01/27/2020
Number of Days to Update: 68
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 02/13/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 11/20/2019
Date Data Arrived at EDR: 12/02/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 67

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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: 04/03/2020
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: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
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: 03/05/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/30/2019
Date Data Arrived at EDR: 10/30/2019
Date Made Active in Reports: 12/11/2019
Number of Days to Update: 42

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/24/2020
Next Scheduled EDR Contact: 05/11/2020
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/02/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 64

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/02/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 64

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 11/05/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 64

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/04/2020
Next Scheduled EDR Contact: 05/18/2020
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: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 66

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
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: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 12/13/2019
Number of Days to Update: 52
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: 10/17/2019
Date Data Arrived at EDR: 10/22/2019
Date Made Active in Reports: 01/03/2020
Number of Days to Update: 73
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: 11/14/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 69
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/31/2020
Next Scheduled EDR Contact: 05/18/2020
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: 11/26/2019
Date Data Arrived at EDR: 11/27/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 69

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
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: 12/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 62

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: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
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: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 01/31/2020
Next Scheduled EDR Contact: 05/18/2020
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: 01/07/2020
Next Scheduled EDR Contact: 05/18/2020
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: 12/12/2019
Date Data Arrived at EDR: 12/13/2019
Date Made Active in Reports: 02/20/2020
Number of Days to Update: 69

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 09/03/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 11/05/2019
Number of Days to Update: 57

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: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/19/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 65

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 02/21/2020
Next Scheduled EDR Contact: 06/08/2020
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 10/30/2019
Date Data Arrived at EDR: 11/01/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 68

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/13/2020
Next Scheduled EDR Contact: 05/18/2020
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: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 02/14/2020
Next Scheduled EDR Contact: 06/01/2020
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: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 12/09/2019
Date Data Arrived at EDR: 12/11/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 72

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
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: 11/04/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 62

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: 12/02/2019
Date Data Arrived at EDR: 12/03/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 66

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/27/2020
Next Scheduled EDR Contact: 06/15/2020
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 05/20/2019
Date Data Arrived at EDR: 05/21/2019
Date Made Active in Reports: 07/18/2019
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 03/17/2020
Next Scheduled EDR Contact: 05/18/2020
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: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 11/25/2019
Date Data Arrived at EDR: 11/27/2019
Date Made Active in Reports: 02/04/2020
Number of Days to Update: 69

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 02/03/2020
Next Scheduled EDR Contact: 05/18/2020
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: 01/17/2020
Next Scheduled EDR Contact: 05/04/2020
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: 01/21/2020
Next Scheduled EDR Contact: 05/04/2020
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: 02/07/2020
Next Scheduled EDR Contact: 05/25/2020
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: 01/21/2020
Next Scheduled EDR Contact: 05/04/2020
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: 11/26/2019
Date Data Arrived at EDR: 12/10/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 73
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: 11/04/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 63

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 02/07/2020
Next Scheduled EDR Contact: 05/25/2020
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: 01/30/2020
Next Scheduled EDR Contact: 05/25/2020
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: 01/06/2020
Next Scheduled EDR Contact: 04/20/2020
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: 01/31/2020
Next Scheduled EDR Contact: 05/11/2020
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: 02/18/2020
Next Scheduled EDR Contact: 06/01/2020
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

2311 N HOLLYWOOD WAY
2311 N HOLLYWOOD WAY
BURBANK, CA 91505

TARGET PROPERTY COORDINATES

Latitude (North):	34.19104 - 34° 11' 27.74''
Longitude (West):	118.350529 - 118° 21' 1.90''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	375554.4
UTM Y (Meters):	3783967.8
Elevation:	673 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630791 BURBANK, 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).

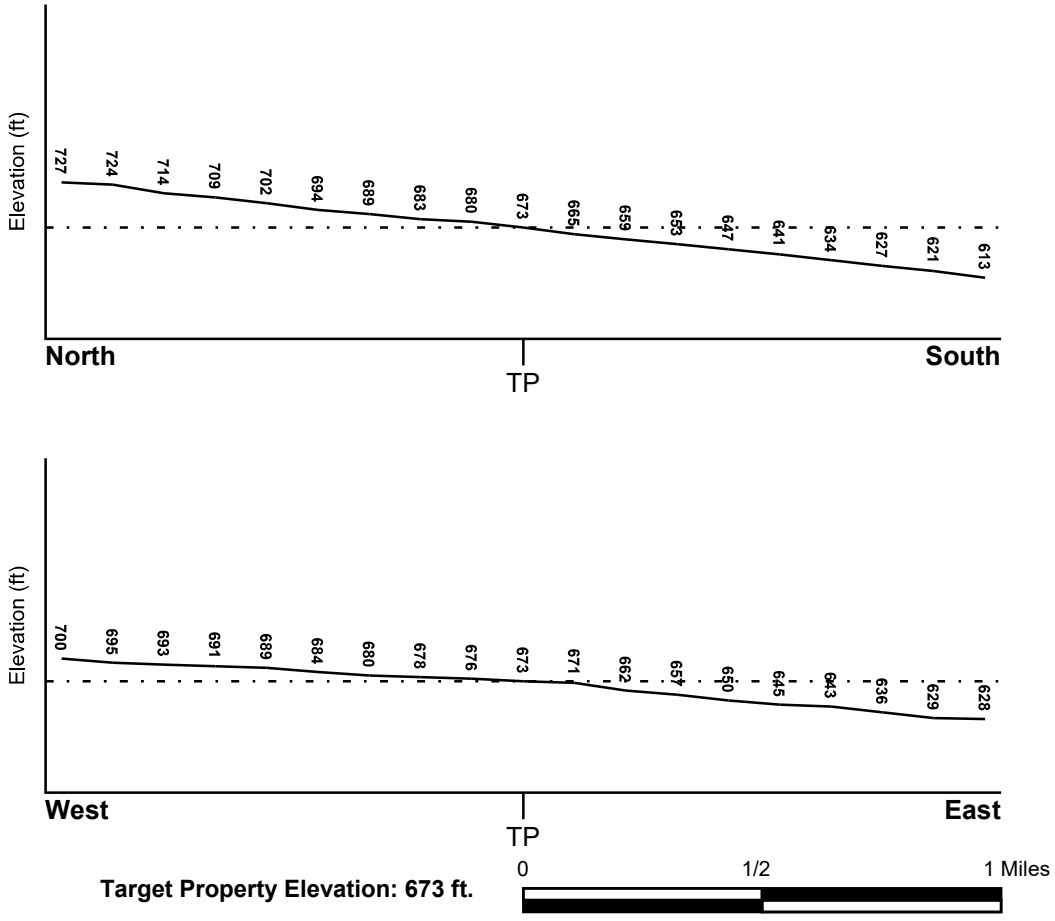
TOPOGRAPHIC INFORMATION

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 SSE

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
06037C1328F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1329F	FEMA FIRM Flood data
06037C1340F	FEMA FIRM Flood data
06037C1337F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BURBANK	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
Not Reported		

* ©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

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).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types:
loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types:
fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types:
stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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
1	USGS40000142411	1/8 - 1/4 Mile East
2	USGS40000142401	1/8 - 1/4 Mile SSW
3	USGS40000142399	1/8 - 1/4 Mile SSE
4	USGS40000142397	1/4 - 1/2 Mile SE
5	USGS40000142386	1/4 - 1/2 Mile SSE
6	USGS40000142387	1/4 - 1/2 Mile SSW
7	USGS40000142390	1/4 - 1/2 Mile SE
28	USGS40000142375	1/2 - 1 Mile South
29	USGS40000142372	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

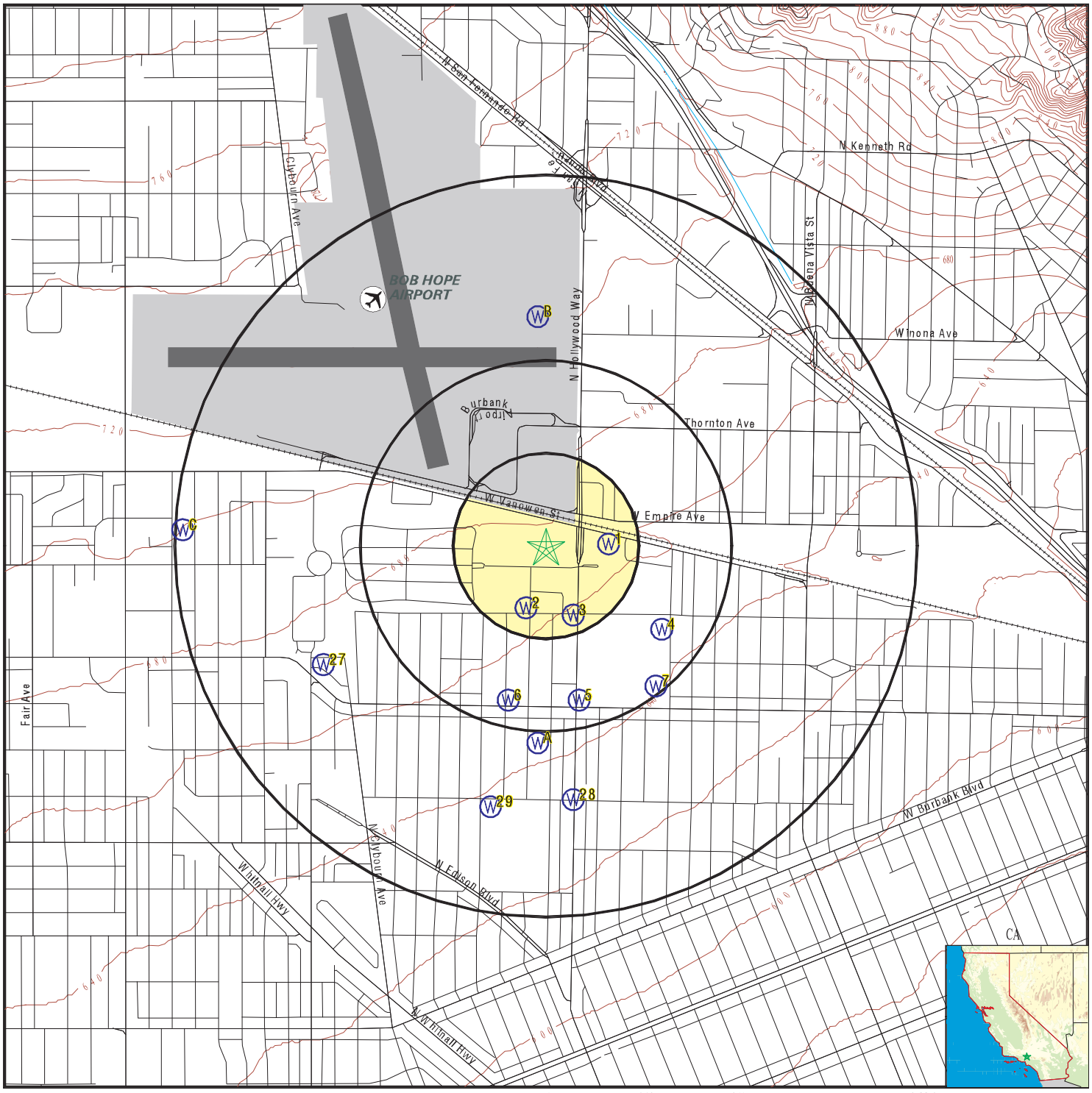
MAP ID	WELL ID	LOCATION FROM TP
A8	579	1/2 - 1 Mile South
A9	580	1/2 - 1 Mile South
A10	577	1/2 - 1 Mile South
A11	578	1/2 - 1 Mile South
A12	583	1/2 - 1 Mile South
A13	594	1/2 - 1 Mile South
A14	581	1/2 - 1 Mile South
A15	582	1/2 - 1 Mile South
B16	22941	1/2 - 1 Mile North
B17	22956	1/2 - 1 Mile North
B18	22940	1/2 - 1 Mile North
B19	22938	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B20	22939	1/2 - 1 Mile North
B21	22957	1/2 - 1 Mile North
B22	573	1/2 - 1 Mile North
B23	576	1/2 - 1 Mile North
B24	22960	1/2 - 1 Mile North
B25	22958	1/2 - 1 Mile North
B26	22959	1/2 - 1 Mile North
27	CADWR8000007455	1/2 - 1 Mile WSW
C30	558	1/2 - 1 Mile West
C31	560	1/2 - 1 Mile West
C32	22817	1/2 - 1 Mile West
C33	22818	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 6036912.2s



- 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:	2311 N Hollywood Way	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	2311 N Hollywood Way BURBANK CA 91505	CONTACT:	Angie Lessire
LAT/LONG:	34.19104 / 118.350529	INQUIRY #:	6036912.2s
		DATE:	April 09, 2020 4:15 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
East **FED USGS** **USGS40000142411**
1/8 - 1/4 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N014W09A003S	Type:	Well
Description:	Not Reported	HUC:	18070105
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:	830
Well Depth Units:	ft	Well Hole Depth:	860
Well Hole Depth Units:	ft		

2
SSW **FED USGS** **USGS40000142401**
1/8 - 1/4 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N014W09B004S	Type:	Well
Description:	Not Reported	HUC:	18070105
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:	750
Well Depth Units:	ft	Well Hole Depth:	793
Well Hole Depth Units:	ft		

3
SSE **FED USGS** **USGS40000142399**
1/8 - 1/4 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N014W09G003S	Type:	Well
Description:	Not Reported	HUC:	18070105
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:	740
Well Depth Units:	ft	Well Hole Depth:	765
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

4
SE
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000142397**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N014W09H001S	Type:	Well
Description:	Not Reported	HUC:	18070105
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:	510
Well Depth Units:	ft	Well Hole Depth:	589
Well Hole Depth Units:	ft		

5
SSE
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000142386**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N014W09G002S	Type:	Well
Description:	Not Reported	HUC:	18070105
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:	737
Well Depth Units:	ft	Well Hole Depth:	792
Well Hole Depth Units:	ft		

6
SSW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000142387**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N014W09L004S	Type:	Well
Description:	Not Reported	HUC:	18070105
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:	878
Well Depth Units:	ft	Well Hole Depth:	938
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
7		
SE	**FED USGS**	**USGS40000142390**
1/4 - 1/2 Mile		
Lower		

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N014W09H004S	Type:	Well
Description:	Not Reported	HUC:	18070105
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:	810
Well Depth Units:	ft	Well Hole Depth:	896
Well Hole Depth Units:	ft		

A8		
South	**CA WELLS**	**579**
1/2 - 1 Mile		
Lower		

Seq:	579	Prim sta c:	01N/14W-09H01 S
Frds no:	1910179004	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	WELL 10 - MONITORING SITE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341100.0	Longitude:	1182100.0
Precision:	8	Status:	MW
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		
Sample date:	09-FEB-18	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-FEB-18	Finding:	28.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-FEB-18	Finding:	0.54
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-FEB-18	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	09-FEB-18	Finding:	4.9

Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-FEB-18	Finding:	7.4e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	12-JAN-18	Finding:	2.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-JAN-18	Finding:	0.58
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-18	Finding:	26.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-18	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-18	Finding:	450.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JAN-18	Finding:	12000.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	12-JAN-18	Finding:	9.e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	12-JAN-18	Finding:	22.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JAN-18	Finding:	90.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JAN-18	Finding:	318.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JAN-18	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-18	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JAN-18	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-JAN-18	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	06-DEC-17	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	8.3e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	06-DEC-17	Finding:	25.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	0.69
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-DEC-17	Finding:	2.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-DEC-17	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-NOV-17	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-NOV-17	Finding:	2.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-NOV-17	Finding:	0.67
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-NOV-17	Finding:	31.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-NOV-17	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-NOV-17	Finding:	9.1e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	05-OCT-17	Finding:	90.9
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-OCT-17	Finding:	322.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-OCT-17	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-17	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	05-OCT-17	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-OCT-17	Finding:	7.71
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-OCT-17	Finding:	23.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-OCT-17	Finding:	7.9e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	05-OCT-17	Finding:	220000.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	05-OCT-17	Finding:	450.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-OCT-17	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-OCT-17	Finding:	27.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-OCT-17	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	18-SEP-17	Finding:	2.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-SEP-17	Finding:	2.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-SEP-17	Finding:	30.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-SEP-17	Finding:	8.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-SEP-17	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-SEP-17	Finding:	7.5e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		

Sample date:	08-AUG-17	Finding:	9.1e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	01-AUG-17	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-AUG-17	Finding:	27.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-AUG-17	Finding:	0.54
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-AUG-17	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-AUG-17	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-JUL-17	Finding:	260.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUL-17	Finding:	310.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUL-17	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-JUL-17	Finding:	306.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUL-17	Finding:	85.5
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUL-17	Finding:	22.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUL-17	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-JUL-17	Finding:	0.61
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	30.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	05-JUL-17	Finding:	470.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-JUL-17	Finding:	9860.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	05-JUL-17	Finding:	9.2e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	05-JUL-17	Finding:	7.72
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-JUN-17	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-JUN-17	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-JUN-17	Finding:	0.86
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUN-17	Finding:	38.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUN-17	Finding:	0.65
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUN-17	Finding:	14.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-JUN-17	Finding:	8.5e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	04-MAY-17	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-MAY-17	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-MAY-17	Finding:	0.59
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAY-17	Finding:	30.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	04-MAY-17	Finding:	0.61
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAY-17	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAY-17	Finding:	8.6e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	12-APR-17	Finding:	326.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	3.4e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	12.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-APR-17	Finding:	7.5e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	12-APR-17	Finding:	229000.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	14.
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	12-APR-17	Finding:	0.628
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	12-APR-17	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	12-APR-17	Finding:	0.48
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	12-APR-17	Finding:	78.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-APR-17	Finding:	33.
Chemical:	CHLORIDE	Report units:	MG/L

Dlr:	0.		
Sample date:	12-APR-17	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	32.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	24.9
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	89.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-APR-17	Finding:	8.9e-002
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	0.283
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	0.363
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	0.192
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	740.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-APR-17	Finding:	7.72
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-APR-17	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	12-APR-17	Finding:	300.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	07-MAR-17	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAR-17	Finding:	0.51
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		

Sample date:	07-MAR-17	Finding:	24.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAR-17	Finding:	8.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAR-17	Finding:	7.5e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	07-MAR-17	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	09-FEB-17	Finding:	26.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-FEB-17	Finding:	6.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-FEB-17	Finding:	470.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-FEB-17	Finding:	245000.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	09-FEB-17	Finding:	7.1e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	09-FEB-17	Finding:	7.83
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-FEB-17	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-FEB-17	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	09-FEB-17	Finding:	22.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-FEB-17	Finding:	81.6
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-FEB-17	Finding:	294.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-FEB-17	Finding:	330.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	09-FEB-17	Finding:	270.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-NOV-16	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-NOV-16	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-NOV-16	Finding:	28.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-NOV-16	Finding:	0.66
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	01-NOV-16	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-OCT-16	Finding:	0.75
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-16	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-OCT-16	Finding:	23.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-16	Finding:	87.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-16	Finding:	310.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-16	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-OCT-16	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-16	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-16	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	04-OCT-16	Finding:	32.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-16	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-16	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-16	Finding:	6000.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	04-OCT-16	Finding:	0.81
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	02-AUG-16	Finding:	0.55
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-16	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-AUG-16	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-AUG-16	Finding:	33.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-16	Finding:	0.76
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	02-AUG-16	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-AUG-16	Finding:	0.54
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUL-16	Finding:	0.72
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	06-JUL-16	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUL-16	Finding:	9.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUL-16	Finding:	0.52
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L

Dlr:	0.5		
Sample date:	06-JUL-16	Finding:	31.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUL-16	Finding:	0.6
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JUL-16	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JUL-16	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUL-16	Finding:	86.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUL-16	Finding:	310.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUL-16	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JUL-16	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUL-16	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JUL-16	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-JUL-16	Finding:	9500.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	06-MAY-16	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-MAY-16	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-MAY-16	Finding:	23.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-MAY-16	Finding:	7.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	06-MAY-16	Finding:	0.61
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-APR-16	Finding:	4.9
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-APR-16	Finding:	730.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-APR-16	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-APR-16	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-APR-16	Finding:	6.e-002
Chemical:	SULFIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	310.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	87.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	23.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	31.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	4.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	31.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	76.
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	13-APR-16	Finding:	0.46
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	13-APR-16	Finding:	120.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	13-APR-16	Finding:	160.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	13-APR-16	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-APR-16	Finding:	5.7
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	3.7
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	13-APR-16	Finding:	32.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-APR-16	Finding:	8.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-APR-16	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	1.3
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-APR-16	Finding:	6000.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	13-APR-16	Finding:	0.63
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	01-MAR-16	Finding:	9.7e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	01-MAR-16	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-16	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	01-MAR-16	Finding:	36.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAR-16	Finding:	0.67
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAR-16	Finding:	9.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAR-16	Finding:	0.74
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-FEB-16	Finding:	0.52
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-16	Finding:	29.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-16	Finding:	9.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-FEB-16	Finding:	0.74
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	02-FEB-16	Finding:	4.9e-003
Chemical:	N-NITROSODI-N-BUTYLAMINE (NDBA)	Report units:	UG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	0.79
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	470.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JAN-16	Finding:	0.63
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JAN-16	Finding:	33.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	06-JAN-16	Finding:	0.89
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JAN-16	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JAN-16	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	91.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	330.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JAN-16	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-JAN-16	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-DEC-15	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-DEC-15	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-DEC-15	Finding:	29.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-DEC-15	Finding:	0.7
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	02-DEC-15	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-DEC-15	Finding:	2.6e-003
Chemical:	N-NITROSODIETHYLAMINE (NDEA)	Report units:	UG/L
Dlr:	0.		

Sample date:	02-DEC-15	Finding:	9.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-15	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-15	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-NOV-15	Finding:	28.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-15	Finding:	0.76
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	03-NOV-15	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-NOV-15	Finding:	8.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-OCT-15	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-OCT-15	Finding:	0.87
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	07-OCT-15	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-15	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-OCT-15	Finding:	340.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-15	Finding:	93.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-15	Finding:	25.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-15	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-OCT-15	Finding:	0.61
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L

Dlr:	0.5		
Sample date:	07-OCT-15	Finding:	29.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-OCT-15	Finding:	0.52
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-OCT-15	Finding:	9.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-OCT-15	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-OCT-15	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-OCT-15	Finding:	6000.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	07-OCT-15	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-SEP-15	Finding:	0.67
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-SEP-15	Finding:	35.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-SEP-15	Finding:	0.85
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-SEP-15	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-15	Finding:	2.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-AUG-15	Finding:	57.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	06-AUG-15	Finding:	0.52
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-15	Finding:	0.93
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	06-AUG-15	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-AUG-15	Finding:	17.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUL-15	Finding:	480.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-15	Finding:	9.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUL-15	Finding:	6000.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	07-JUL-15	Finding:	0.73
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	07-JUL-15	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-JUL-15	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-15	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-15	Finding:	340.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-15	Finding:	94.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-15	Finding:	26.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-15	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-JUL-15	Finding:	34.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	07-JUL-15	Finding:	0.55
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-JUL-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-15	Finding:	2.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-JUN-15	Finding:	37.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-15	Finding:	0.75
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	04-JUN-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-15	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-15	Finding:	2.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-MAY-15	Finding:	31.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-15	Finding:	0.65
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	05-MAY-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAY-15	Finding:	8.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-15	Finding:	720.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-APR-15	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-APR-15	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	15-APR-15	Finding:	300.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-APR-15	Finding:	310.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-APR-15	Finding:	87.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-APR-15	Finding:	23.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-APR-15	Finding:	31.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-APR-15	Finding:	4.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-APR-15	Finding:	31.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-APR-15	Finding:	78.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-APR-15	Finding:	0.51
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-APR-15	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	15-APR-15	Finding:	150.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-APR-15	Finding:	2.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	15-APR-15	Finding:	5.7
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	15-APR-15	Finding:	3.5
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	15-APR-15	Finding:	0.54
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-15	Finding:	41.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	15-APR-15	Finding:	0.51
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-15	Finding:	9.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	15-APR-15	Finding:	450.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-APR-15	Finding:	1.1
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-APR-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-APR-15	Finding:	9800.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	15-APR-15	Finding:	8.e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	15-APR-15	Finding:	0.72
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	15-APR-15	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-APR-15	Finding:	5000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-MAR-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-MAR-15	Finding:	14.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAR-15	Finding:	0.58
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAR-15	Finding:	55.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAR-15	Finding:	0.65
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		

Sample date:	03-MAR-15	Finding:	2.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-MAR-15	Finding:	0.92
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	09-FEB-15	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-FEB-15	Finding:	14.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-FEB-15	Finding:	2.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-FEB-15	Finding:	0.59
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-FEB-15	Finding:	60.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-FEB-15	Finding:	0.67
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	29-JAN-15	Finding:	7500.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	29-JAN-15	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JAN-15	Finding:	450.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-15	Finding:	24.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-15	Finding:	1.
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-15	Finding:	96.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-JAN-15	Finding:	4.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-JAN-15	Finding:	25.
Chemical:	MAGNESIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	29-JAN-15	Finding:	88.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-15	Finding:	320.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-15	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-15	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-JAN-15	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-JAN-15	Finding:	0.98
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	10-NOV-14	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-NOV-14	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-NOV-14	Finding:	0.65
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	10-NOV-14	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-NOV-14	Finding:	48.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-OCT-14	Finding:	5.e-003
Chemical:	N-NITROSODI-N-PROPYLAMINE (NDPA)	Report units:	UG/L
Dlr:	0.		
Sample date:	08-OCT-14	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	08-OCT-14	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-14	Finding:	85.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	08-OCT-14	Finding:	310.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-14	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-14	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-14	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-14	Finding:	38.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-OCT-14	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-14	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-14	Finding:	7500.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	08-OCT-14	Finding:	0.61
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	08-OCT-14	Finding:	9.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-14	Finding:	37.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-14	Finding:	0.57
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	09-SEP-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-SEP-14	Finding:	8.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	09-SEP-14	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-AUG-14	Finding:	0.69
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L

Dlr:	0.		
Sample date:	05-AUG-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-AUG-14	Finding:	44.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-14	Finding:	8.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-AUG-14	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-JUL-14	Finding:	41.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-14	Finding:	0.75
Chemical:	CHLOROMETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-14	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-JUL-14	Finding:	23.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUL-14	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUL-14	Finding:	310.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUL-14	Finding:	86.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUL-14	Finding:	8.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-14	Finding:	500.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUL-14	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUL-14	Finding:	4800.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		

Sample date:	02-JUL-14	Finding:	0.58
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	02-JUL-14	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUL-14	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-JUN-14	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-JUN-14	Finding:	0.8
Chemical:	CHLOROMETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUN-14	Finding:	42.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUN-14	Finding:	0.58
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUN-14	Finding:	9.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUN-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUN-14	Finding:	0.68
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	05-MAY-14	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-MAY-14	Finding:	43.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-14	Finding:	0.67
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	05-MAY-14	Finding:	9.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-MAY-14	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAY-14	Finding:	9.2e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L

Dlr:	5.e-003		
Sample date:	05-MAY-14	Finding:	0.53
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-APR-14	Finding:	3.
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	0.41
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	0.66
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	0.72
Chemical:	GROSS BETA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	730.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-APR-14	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-APR-14	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	310.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	87.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	23.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	32.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	4.9
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	30.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	01-APR-14	Finding:	73.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-APR-14	Finding:	0.51
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	01-APR-14	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	01-APR-14	Finding:	150.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	01-APR-14	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-APR-14	Finding:	5.7
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	3.2
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	01-APR-14	Finding:	3.4
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	7.7
Chemical:	GROSS BETA	Report units:	PCI/L
Dlr:	4.		
Sample date:	01-APR-14	Finding:	1.1
Chemical:	GROSS BETA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	0.14
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	15.
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	01-APR-14	Finding:	41.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-APR-14	Finding:	0.7
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-APR-14	Finding:	8.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-APR-14	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	01-APR-14	Finding:	1.
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-APR-14	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-APR-14	Finding:	8500.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	6.8e-002
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	01-APR-14	Finding:	0.6
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	01-APR-14	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-APR-14	Finding:	4800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-MAR-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-MAR-14	Finding:	9.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAR-14	Finding:	0.81
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAR-14	Finding:	40.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-MAR-14	Finding:	0.61
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	03-MAR-14	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-FEB-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-FEB-14	Finding:	8.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	03-FEB-14	Finding:	37.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-FEB-14	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JAN-14	Finding:	1.2
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	06-JAN-14	Finding:	5600.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	06-JAN-14	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JAN-14	Finding:	480.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-14	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JAN-14	Finding:	48.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JAN-14	Finding:	0.67
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-JAN-14	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-JAN-14	Finding:	23.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-14	Finding:	85.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-14	Finding:	310.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-14	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	06-JAN-14	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	06-JAN-14	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	02-DEC-13	Finding:	0.65
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-DEC-13	Finding:	20.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-DEC-13	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-DEC-13	Finding:	89.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-DEC-13	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-DEC-13	Finding:	1.1
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-DEC-13	Finding:	1.1
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	02-DEC-13	Finding:	1.1
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	04-NOV-13	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-NOV-13	Finding:	0.56
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-13	Finding:	32.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-NOV-13	Finding:	0.6
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	04-NOV-13	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-13	Finding:	8.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	01-OCT-13	Finding:	0.7
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	01-OCT-13	Finding:	280.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-13	Finding:	320.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-13	Finding:	89.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-13	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-13	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-OCT-13	Finding:	0.55
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	41.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	0.7
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-OCT-13	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-13	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-OCT-13	Finding:	5800.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	01-OCT-13	Finding:	230.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-SEP-13	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-SEP-13	Finding:	45.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	03-SEP-13	Finding:	0.52
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-SEP-13	Finding:	0.75
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	03-SEP-13	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-13	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-13	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-AUG-13	Finding:	0.52
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-13	Finding:	43.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-AUG-13	Finding:	0.69
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	06-AUG-13	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-AUG-13	Finding:	9.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-13	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-JUL-13	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-13	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-13	Finding:	320.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-13	Finding:	88.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	03-JUL-13	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-13	Finding:	0.86
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	03-JUL-13	Finding:	0.53
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-13	Finding:	54.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-13	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-13	Finding:	470.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-13	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUL-13	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-JUN-13	Finding:	2.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-JUN-13	Finding:	0.67
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-13	Finding:	49.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-13	Finding:	0.77
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	04-JUN-13	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-13	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-13	Finding:	48.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-13	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	07-MAY-13	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-MAY-13	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-MAY-13	Finding:	0.54
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-13	Finding:	0.75
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	02-APR-13	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	02-APR-13	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-13	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-APR-13	Finding:	720.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	02-APR-13	Finding:	4900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-APR-13	Finding:	1.3
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-APR-13	Finding:	450.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-APR-13	Finding:	9.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-APR-13	Finding:	48.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-APR-13	Finding:	0.54
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-APR-13	Finding:	3.2
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		

Sample date:	02-APR-13	Finding:	6.
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	02-APR-13	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-APR-13	Finding:	150.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-APR-13	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	02-APR-13	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-APR-13	Finding:	74.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-APR-13	Finding:	28.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	02-APR-13	Finding:	4.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-APR-13	Finding:	32.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-APR-13	Finding:	22.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-APR-13	Finding:	81.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-APR-13	Finding:	290.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-APR-13	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-APR-13	Finding:	0.61
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	02-APR-13	Finding:	6000.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	02-APR-13	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	04-MAR-13	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-MAR-13	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAR-13	Finding:	49.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-MAR-13	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-MAR-13	Finding:	0.73
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	05-FEB-13	Finding:	0.59
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-13	Finding:	40.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-13	Finding:	0.72
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	05-FEB-13	Finding:	0.7
Chemical:	DICHLORODIFLUOROMETHANE (FREON 12)	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-13	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-FEB-13	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	9.6e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	05-FEB-13	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-JAN-13	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JAN-13	Finding:	88.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	02-JAN-13	Finding:	320.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JAN-13	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JAN-13	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JAN-13	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-JAN-13	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-JAN-13	Finding:	0.66
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JAN-13	Finding:	47.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JAN-13	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JAN-13	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JAN-13	Finding:	9200.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	02-JAN-13	Finding:	0.8
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	02-JAN-13	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-12	Finding:	0.84
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	04-DEC-12	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-DEC-12	Finding:	0.66
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-12	Finding:	55.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	04-DEC-12	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-DEC-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-NOV-12	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	06-NOV-12	Finding:	0.79
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-12	Finding:	1.1
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	06-NOV-12	Finding:	60.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-12	Finding:	0.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-12	Finding:	16.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	06-NOV-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-NOV-12	Finding:	1.1
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	02-OCT-12	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	02-OCT-12	Finding:	0.81
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	02-OCT-12	Finding:	9800.
Chemical:	CARBON DIOXIDE	Report units:	UG/L
Dlr:	0.		
Sample date:	02-OCT-12	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-OCT-12	Finding:	470.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	02-OCT-12	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-12	Finding:	44.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-12	Finding:	0.56
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-OCT-12	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	02-OCT-12	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-OCT-12	Finding:	86.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-OCT-12	Finding:	310.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-OCT-12	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-OCT-12	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-SEP-12	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-SEP-12	Finding:	0.76
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	05-SEP-12	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-SEP-12	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	05-SEP-12	Finding:	0.61
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	05-SEP-12	Finding:	46.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-12	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	07-AUG-12	Finding:	97.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-AUG-12	Finding:	1.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-AUG-12	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUL-12	Finding:	9.3e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	03-JUL-12	Finding:	0.78
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	03-JUL-12	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUL-12	Finding:	500.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-12	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-12	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-JUL-12	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-12	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-12	Finding:	310.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-12	Finding:	86.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-12	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JUL-12	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	03-JUL-12	Finding:	47.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-JUL-12	Finding:	0.62
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-12	Finding:	0.87
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	04-JUN-12	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	04-JUN-12	Finding:	0.71
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-12	Finding:	55.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-12	Finding:	0.51
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-12	Finding:	14.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JUN-12	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-12	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-12	Finding:	71.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-MAY-12	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-MAY-12	Finding:	0.77
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	03-APR-12	Finding:	290.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	03-APR-12	Finding:	5500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	03-APR-12	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-APR-12	Finding:	0.71
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	03-APR-12	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-APR-12	Finding:	1.2
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-APR-12	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-APR-12	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-APR-12	Finding:	55.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-APR-12	Finding:	0.57
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-APR-12	Finding:	3.4
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	03-APR-12	Finding:	5.6
Chemical:	MOLYDBENDUM	Report units:	UG/L
Dlr:	0.		
Sample date:	03-APR-12	Finding:	1.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-APR-12	Finding:	150.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	03-APR-12	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	03-APR-12	Finding:	0.49
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	03-APR-12	Finding:	78.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	03-APR-12	Finding:	32.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	03-APR-12	Finding:	4.8
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-APR-12	Finding:	32.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-APR-12	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-APR-12	Finding:	90.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-APR-12	Finding:	320.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-APR-12	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-APR-12	Finding:	730.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-APR-12	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-MAR-12	Finding:	11.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAR-12	Finding:	100.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-MAR-12	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-FEB-12	Finding:	0.79
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-FEB-12	Finding:	10.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	01-FEB-12	Finding:	44.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	01-FEB-12	Finding:	1.8
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	01-FEB-12	Finding:	0.84
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	01-FEB-12	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JAN-12	Finding:	52.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JAN-12	Finding:	0.56
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JAN-12	Finding:	12.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-JAN-12	Finding:	490.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-JAN-12	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JAN-12	Finding:	8.7e-002
Chemical:	1,2,3-TRICHLOROPROPANE	Report units:	UG/L
Dlr:	5.e-003		
Sample date:	04-JAN-12	Finding:	0.86
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	04-JAN-12	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	04-JAN-12	Finding:	89.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-JAN-12	Finding:	320.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-JAN-12	Finding:	24.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-JAN-12	Finding:	2.
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	04-JAN-12	Finding:	230.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	04-JAN-12	Finding:	280.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

A9
South
1/2 - 1 Mile
Lower

CA WELLS 580

Seq:	580	Prim sta c:	01N/14W-09H04 S
Frds no:	1910179005	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	WELL 11-A - ABANDONED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341100.0	Longitude:	1182100.0
Precision:	8	Status:	AB
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

A10
South
1/2 - 1 Mile
Lower

CA WELLS 577

Seq:	577	Prim sta c:	01N/14W-09G02 S
Frds no:	1910179006	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	WELL 12 - MONITORING SITE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341100.0	Longitude:	1182100.0
Precision:	8	Status:	MW
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

A11
South
1/2 - 1 Mile
Lower

CA WELLS **578**

Seq:	578	Prim sta c:	01N/14W-09G03 S
Frds no:	1910179003	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	WELL 09 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341100.0	Longitude:	1182100.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

A12
South
1/2 - 1 Mile
Lower

CA WELLS **583**

Seq:	583	Prim sta c:	01N/14W-09P01 S
Frds no:	1910179001	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	WELL 06-A - STANDBY	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341100.0	Longitude:	1182100.0
Precision:	8	Status:	SU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

A13
South
1/2 - 1 Mile
Lower

CA WELLS **594**

Seq:	594	Prim sta c:	01N/14W-16D01 S
Frds no:	1910067154	County:	19
District:	15	User id:	MET
System no:	1910067	Water type:	G
Source nam:	WHITNALL WELL 09	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY

Latitude:	341100.0	Longitude:	1182100.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910067	System nam:	Los Angeles-City, Dept. Of Water & Power
Hqname:	LOS ANGELES CTY DPT WTR & PWR	Address:	P.O. BOX 51111, ROOM 1420
City:	LOS ANGELES	State:	CA
Zip:	90051	Zip ext:	Not Reported
Pop serv:	3700000	Connection:	657422
Area serve:	LOS ANGELES		

A14
South
1/2 - 1 Mile
Lower

CA WELLS 581

Seq:	581	Prim sta c:	01N/14W-09K02 S
Frds no:	1910179007	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	WELL 13-A - MONITORING SITE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341100.0	Longitude:	1182100.0
Precision:	8	Status:	MW
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

A15
South
1/2 - 1 Mile
Lower

CA WELLS 582

Seq:	582	Prim sta c:	01N/14W-09L04 S
Frds no:	1910179011	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	WELL 18 - MONITORING SITE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341100.0	Longitude:	1182100.0
Precision:	8	Status:	MW
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731

Area serve: BURBANK

B16
North
1/2 - 1 Mile
Higher

CA WELLS 22941

Seq:	22941	Prim sta c:	G19/179-VOACDEF
Frds no:	1910179020	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	WELLS 07 & 15 - GAC-ADSORBER D-EFFLUENT		
Station ty:	WELL/AMBNT/MUN/INTAKE	Latitude:	341200.0
Longitude:	1182100.0	Precision:	5
Status:	CT	Comment 1:	Not Reported
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

B17
North
1/2 - 1 Mile
Higher

CA WELLS 22956

Seq:	22956	Prim sta c:	G19/179-VOACINF
Frds no:	1910179021	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	WELLS 07 & 15 - GAC-COMMON INFLUENT	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341200.0	Longitude:	1182100.0
Precision:	5	Status:	CU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

B18
North
1/2 - 1 Mile
Higher

CA WELLS 22940

Seq:	22940	Prim sta c:	G19/179-VOACCEF
Frds no:	1910179019	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G

Source nam:	WELLS 07 & 15 - GAC-ADSORBER C-EFFLUENT		
Station ty:	WELL/AMBNT/MUN/INTAKE	Latitude:	341200.0
Longitude:	1182100.0	Precision:	5
Status:	CT	Comment 1:	Not Reported
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

B19
North
1/2 - 1 Mile
Higher

CA WELLS 22938

Seq:	22938	Prim sta c:	G19/179-VOACAEF
Frds no:	1910179012	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	WELLS 7 & 15 - GAC-ADSORBER-A-EFFLUENT		
Station ty:	WELL/AMBNT/MUN/INTAKE	Latitude:	341200.0
Longitude:	1182100.0	Precision:	5
Status:	CT	Comment 1:	Not Reported
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

B20
North
1/2 - 1 Mile
Higher

CA WELLS 22939

Seq:	22939	Prim sta c:	G19/179-VOACBEF
Frds no:	1910179018	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	WELL 07 & 15 -GAC-ADSORBER B - EFFLUENT		
Station ty:	WELL/AMBNT/MUN/INTAKE	Latitude:	341200.0
Longitude:	1182100.0	Precision:	5
Status:	CT	Comment 1:	Not Reported
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported

Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

B21
North
1/2 - 1 Mile
Higher

CA WELLS 22957

Seq:	22957	Prim sta c:	G19/179-VOACP4A
Frds no:	1910179014	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	GAC - PORT 3 - ADSORBER A	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341200.0	Longitude:	1182100.0
Precision:	5	Status:	CT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

B22
North
1/2 - 1 Mile
Higher

CA WELLS 573

Seq:	573	Prim sta c:	01N/14W-09A03 S
Frds no:	1910179008	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	WELL 14-A - ABANDONED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341200.0	Longitude:	1182100.0
Precision:	8	Status:	AB
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

B23
North
1/2 - 1 Mile
Higher

CA WELLS 576

Seq:	576	Prim sta c:	01N/14W-09B04 S
Frds no:	1910179010	County:	19
District:	07	User id:	4TH

System no:	1910179	Water type:	G
Source nam:	WELL 17 - ABANDONED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341200.0	Longitude:	1182100.0
Precision:	8	Status:	AB
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

B24
North
1/2 - 1 Mile
Higher

CA WELLS 22960

Seq:	22960	Prim sta c:	G19/179-VOACP4D
Frds no:	1910179017	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	GAC - PORT 3 - ADSORBER D	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341200.0	Longitude:	1182100.0
Precision:	5	Status:	CT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

B25
North
1/2 - 1 Mile
Higher

CA WELLS 22958

Seq:	22958	Prim sta c:	G19/179-VOACP4B
Frds no:	1910179015	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	GAC - PORT 3 - ADSORBER B	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341200.0	Longitude:	1182100.0
Precision:	5	Status:	CT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA

Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

B26
North
1/2 - 1 Mile
Higher

CA WELLS **22959**

Seq:	22959	Prim sta c:	G19/179-VOACP4C
Frds no:	1910179016	County:	19
District:	07	User id:	4TH
System no:	1910179	Water type:	G
Source nam:	GAC - PORT 3 - ADSORBER C	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341200.0	Longitude:	1182100.0
Precision:	5	Status:	CT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910179	System nam:	Burbank-City, Water Dept.
Hqname:	Not Reported	Address:	PO BOX 631
City:	BURBANK	State:	CA
Zip:	91503	Zip ext:	Not Reported
Pop serv:	93643	Connection:	25731
Area serve:	BURBANK		

27
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000007455**

State Well #:	01N14W09E003S	Station ID:	49946
Well Name:	3841H	Well Use:	Observation
Well Type:	Single Well	Well Depth:	238
Basin Name:	San Fernando Valley	Well Completion Rpt #:	Not Reported

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28
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000142375**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N014W09K002S	Type:	Well
Description:	Not Reported	HUC:	18070105
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:	780
Well Depth Units:	ft	Well Hole Depth:	812
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
FED USGS	**USGS40000142372**

29
SSW
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	001N014W09Q001S	Type:	Well
Description:	Not Reported	HUC:	18070105
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:	857
Well Depth Units:	ft	Well Hole Depth:	905
Well Hole Depth Units:	ft		

C30
West
1/2 - 1 Mile
Higher

CA WELLS **558**

Seq:	558	Prim sta c:	01N/14W-08A06 S
Frds no:	1910067068	County:	19
District:	15	User id:	MET
System no:	1910067	Water type:	G
Source nam:	NORTH HOLLYWOOD AERATION WELL 08	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341130.0	Longitude:	1182200.0
Precision:	3	Status:	AR
Comment 1:	55’ S OF KITTRIDGE ST & 108’ E OF CLYBOURNE AVE.		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	1910067	System nam:	Los Angeles-City, Dept. Of Water & Power
Hqname:	LOS ANGELES CTY DPT WTR & PWR	Address:	P.O. BOX 51111, ROOM 1420
City:	LOS ANGELES	State:	CA
Zip:	90051	Zip ext:	Not Reported
Pop serv:	3700000	Connection:	657422
Area serve:	LOS ANGELES		
Sample date:	13-JUN-17	Finding:	86.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-17	Finding:	501.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JUN-17	Finding:	0.519
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-17	Finding:	1.14
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	13-JUN-17	Finding:	1.39

Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	13-JUN-17	Finding:	8.46
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUN-17	Finding:	1.56
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-JUN-17	Finding:	1.49
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-17	Finding:	2.87
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-17	Finding:	9.45
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-17	Finding:	8.79
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-MAR-17	Finding:	1.39
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	14-MAR-17	Finding:	1.51
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-17	Finding:	8.64
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-17	Finding:	0.516
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-17	Finding:	2.73
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-17	Finding:	93.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-17	Finding:	519.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-MAR-17	Finding:	0.554
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-MAR-17	Finding:	0.987
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		

Sample date:	14-MAR-17	Finding:	1.53
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	14-FEB-17	Finding:	7.97
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	0.51
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	2.59
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	91.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	509.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	0.31
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	0.527
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	0.929
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	0.216
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	9.13
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-FEB-17	Finding:	1.61
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	14-FEB-17	Finding:	0.37
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	1.4
Chemical:	GROSS BETA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	1.5
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	0.4
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	14-FEB-17	Finding:	0.64
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	1.
Chemical:	GROSS BETA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	4.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	839.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	300.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	366.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	9.13
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-FEB-17	Finding:	0.11
Chemical:	PHOSPHATE (AS PO4)	Report units:	UG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	0.614
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	14-FEB-17	Finding:	359.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	103.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	24.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	32.1
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	36.1
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	14-FEB-17	Finding:	65.3
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	0.374
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-FEB-17	Finding:	26.3
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	132.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	14-FEB-17	Finding:	199.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-FEB-17	Finding:	1.39
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	14-FEB-17	Finding:	3.2
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	14-FEB-17	Finding:	19.3
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	14-FEB-17	Finding:	1.46
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-16	Finding:	89.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-16	Finding:	507.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-NOV-16	Finding:	0.543
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-16	Finding:	1.13
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	29-NOV-16	Finding:	1.31
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	29-NOV-16	Finding:	9.08
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-NOV-16	Finding:	1.49
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L

Dlr:	1.		
Sample date:	29-NOV-16	Finding:	3.2
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	29-NOV-16	Finding:	1.91
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-16	Finding:	9.19
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-16	Finding:	0.511
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-16	Finding:	3.97
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	8.87
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-MAY-16	Finding:	1.63
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	31-MAY-16	Finding:	2.19
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	8.53
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	0.653
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	3.37
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	86.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	505.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAY-16	Finding:	0.567
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	1.18
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		

Sample date:	31-MAY-16	Finding:	1.09
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	21-APR-16	Finding:	94.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	508.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-APR-16	Finding:	0.522
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	1.09
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	21-APR-16	Finding:	1.68
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	21-APR-16	Finding:	8.49
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-APR-16	Finding:	1.13
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	21-APR-16	Finding:	2.2
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	8.36
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	0.589
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	2.97
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-16	Finding:	8.66
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-MAR-16	Finding:	1.16
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-MAR-16	Finding:	1.79
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-16	Finding:	7.87
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	13-MAR-16	Finding:	0.607
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-16	Finding:	2.94
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-16	Finding:	88.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-16	Finding:	500.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-MAR-16	Finding:	1.03
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	13-MAR-16	Finding:	1.7
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-FEB-16	Finding:	1.19
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	27-FEB-16	Finding:	1.56
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-FEB-16	Finding:	8.63
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-FEB-16	Finding:	1.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-FEB-16	Finding:	2.32
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	0.586
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	3.38
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	86.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	27-FEB-16	Finding:	492.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-16	Finding:	0.529
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-16	Finding:	8.33
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JAN-16	Finding:	1.57
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	25-JAN-16	Finding:	2.04
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-16	Finding:	8.12
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-16	Finding:	0.644
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-16	Finding:	2.88
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-16	Finding:	95.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-16	Finding:	493.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JAN-16	Finding:	0.512
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JAN-16	Finding:	1.04
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	25-JAN-16	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-DEC-15	Finding:	1.17
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-NOV-15	Finding:	1.08
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	27-NOV-15	Finding:	1.65
Chemical:	1,4-DIOXANE	Report units:	UG/L

Dlr:	1.		
Sample date:	27-NOV-15	Finding:	1.15
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-NOV-15	Finding:	2.3
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-NOV-15	Finding:	8.49
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-NOV-15	Finding:	0.504
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-NOV-15	Finding:	2.72
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-NOV-15	Finding:	97.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-NOV-15	Finding:	493.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-NOV-15	Finding:	37.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-NOV-15	Finding:	0.518
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	2.35
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	1.6
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	30-OCT-15	Finding:	8.15
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	0.527
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	2.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	89.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	30-OCT-15	Finding:	484.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-15	Finding:	37.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-OCT-15	Finding:	0.538
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	1.09
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	28-SEP-15	Finding:	1.05
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-SEP-15	Finding:	2.17
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	7.47
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	2.55
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	86.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	496.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-SEP-15	Finding:	36.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-SEP-15	Finding:	1.09
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	28-SEP-15	Finding:	1.61
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	28-AUG-15	Finding:	1.14
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-AUG-15	Finding:	1.66
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	28-AUG-15	Finding:	7.12
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	28-AUG-15	Finding:	0.504
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-15	Finding:	2.55
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-15	Finding:	83.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-15	Finding:	492.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-AUG-15	Finding:	36.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-AUG-15	Finding:	0.949
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	28-AUG-15	Finding:	1.85
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	507.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-15	Finding:	35.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-JUL-15	Finding:	0.534
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	1.06
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	16-JUL-15	Finding:	1.71
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	16-JUL-15	Finding:	1.05
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-JUL-15	Finding:	1.93
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	7.34
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	16-JUL-15	Finding:	2.63
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	83.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUN-15	Finding:	1.07
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	0.538
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUN-15	Finding:	34.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUN-15	Finding:	520.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUN-15	Finding:	87.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUN-15	Finding:	1.79
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	23-JUN-15	Finding:	0.54
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUN-15	Finding:	7.7
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUN-15	Finding:	2.06
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUN-15	Finding:	3.4
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	23-JUN-15	Finding:	1.02
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	23-JUN-15	Finding:	2.75
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAY-15	Finding:	8.56
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAY-15	Finding:	1.88
Chemical:	1,4-DIOXANE	Report units:	UG/L

Dlr:	1.		
Sample date:	08-MAY-15	Finding:	1.2
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	08-MAY-15	Finding:	0.595
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAY-15	Finding:	33.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-MAY-15	Finding:	502.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-MAY-15	Finding:	78.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAY-15	Finding:	3.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAY-15	Finding:	0.502
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	08-MAY-15	Finding:	2.2
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-15	Finding:	2.73
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-15	Finding:	86.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-15	Finding:	489.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-15	Finding:	33.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-FEB-15	Finding:	2.24
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-15	Finding:	1.56
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-FEB-15	Finding:	0.564
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		

Sample date:	27-FEB-15	Finding:	7.48
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-15	Finding:	1.08
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	26-JAN-15	Finding:	0.961
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	26-JAN-15	Finding:	32.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JAN-15	Finding:	1.6
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	26-JAN-15	Finding:	1.01
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-JAN-15	Finding:	1.94
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	7.62
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	0.552
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	2.59
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	505.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JAN-15	Finding:	78.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	2.54
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	0.586
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	475.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	31.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	31-DEC-14	Finding:	0.533
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	0.885
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	1.05
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	31-DEC-14	Finding:	69.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	6.65
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	1.93
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	1.02
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-NOV-14	Finding:	0.946
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	11-NOV-14	Finding:	2.54
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-NOV-14	Finding:	476.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	11-NOV-14	Finding:	77.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-NOV-14	Finding:	1.5
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	11-NOV-14	Finding:	31.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-NOV-14	Finding:	0.524
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-NOV-14	Finding:	7.37
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	11-NOV-14	Finding:	1.98
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-SEP-14	Finding:	74.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-SEP-14	Finding:	470.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-SEP-14	Finding:	30.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-SEP-14	Finding:	0.573
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-SEP-14	Finding:	2.4
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-SEP-14	Finding:	1.55
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	30-SEP-14	Finding:	2.65
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-SEP-14	Finding:	0.577
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-SEP-14	Finding:	7.11
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-SEP-14	Finding:	1.06
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	1.45
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	26-AUG-14	Finding:	0.772
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	29.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-AUG-14	Finding:	70.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-14	Finding:	464.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	26-AUG-14	Finding:	1.77
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-14	Finding:	7.18
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-14	Finding:	1.73
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-14	Finding:	475.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JUL-14	Finding:	1.64
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUL-14	Finding:	6.01
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUL-14	Finding:	2.09
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUL-14	Finding:	60.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUL-14	Finding:	29.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-JUL-14	Finding:	0.824
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	21-JUL-14	Finding:	1.41
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-JUN-14	Finding:	66.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	29.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JUN-14	Finding:	0.851
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	27-JUN-14	Finding:	1.55
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		

Sample date:	27-JUN-14	Finding:	3.2
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	27-JUN-14	Finding:	2.13
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	6.31
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	2.11
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	2.06
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	6.24
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	2.25
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	1.44
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	30-MAY-14	Finding:	29.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-MAY-14	Finding:	0.511
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	0.981
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	30-MAY-14	Finding:	68.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-APR-14	Finding:	1.32
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-APR-14	Finding:	4.38
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-APR-14	Finding:	1.4
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-APR-14	Finding:	1.47
Chemical:	1,4-DIOXANE	Report units:	UG/L

Dlr:	1.		
Sample date:	17-APR-14	Finding:	30.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-14	Finding:	0.747
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	17-APR-14	Finding:	49.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	2.08
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	7.04
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	2.51
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	1.47
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	31-MAR-14	Finding:	30.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	31-MAR-14	Finding:	1.01
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	70.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	4.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.34
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	267.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	326.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.282
Chemical:	PHOSPHATE (AS PO4)	Report units:	UG/L
Dlr:	0.		

Sample date:	18-FEB-14	Finding:	0.703
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	18-FEB-14	Finding:	320.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	91.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	22.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	30.4
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	4.96
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	34.1
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	66.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	0.345
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-FEB-14	Finding:	26.8
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	110.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	18-FEB-14	Finding:	217.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-FEB-14	Finding:	3.4
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	18-FEB-14	Finding:	16.95
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	18-FEB-14	Finding:	1.61
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	7.13
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	2.02
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	76.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	475.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.18
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	31.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-FEB-14	Finding:	0.822
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.205
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	7100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-FEB-14	Finding:	1.37
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	18-FEB-14	Finding:	0.4
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	787.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	67.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-13	Finding:	1.78
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-13	Finding:	5.59
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-13	Finding:	2.15
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		

Sample date:	18-JUL-13	Finding:	28.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUL-13	Finding:	0.931
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	18-JUL-13	Finding:	1.71
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	28-JUN-13	Finding:	1.53
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	28-JUN-13	Finding:	0.696
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	28-JUN-13	Finding:	29.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JUN-13	Finding:	42.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-13	Finding:	3.4
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	28-JUN-13	Finding:	1.03
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-13	Finding:	0.879
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-13	Finding:	3.87
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	61.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	1.42
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	5.32
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	2.1
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	26.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	25-MAR-13	Finding:	0.807
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	25-MAR-13	Finding:	1.49
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	04-OCT-12	Finding:	3.4
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-OCT-12	Finding:	3.4
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-OCT-12	Finding:	2.96
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	7.58
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	1.9
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	48.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	25.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-OCT-12	Finding:	0.927
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	04-OCT-12	Finding:	1.26
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	04-OCT-12	Finding:	3.3
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	29-AUG-12	Finding:	0.866
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	29-AUG-12	Finding:	7.18
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	1.14
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		

Sample date:	29-AUG-12	Finding:	2.6
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	25.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-AUG-12	Finding:	1.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	37.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	0.98
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	6.52
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	0.548
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	17.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUL-12	Finding:	1.09
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-JUN-12	Finding:	2.84
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	7.83
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	1.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	39.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	24.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JUN-12	Finding:	1.25
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-JUN-12	Finding:	0.864
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L

Dlr:	0.		
Sample date:	21-MAY-12	Finding:	24.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-MAY-12	Finding:	35.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	1.44
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	2.19
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	7.36
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	0.772
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	16-MAY-12	Finding:	1.15
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	26-APR-12	Finding:	0.769
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	26-APR-12	Finding:	34.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	1.54
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	7.38
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	2.28
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	24.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	1.21
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	20-MAR-12	Finding:	36.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	20-MAR-12	Finding:	25.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-MAR-12	Finding:	0.768
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	20-MAR-12	Finding:	3.e-003
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	20-MAR-12	Finding:	1.72
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	6.39
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	2.32
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	3.5
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	20-MAR-12	Finding:	1.36
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	24-FEB-12	Finding:	2.76
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	6.95
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	1.64
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	39.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	0.864
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	24-FEB-12	Finding:	1.29
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	24-FEB-12	Finding:	25.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-JAN-12	Finding:	25.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	12-JAN-12	Finding:	34.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-12	Finding:	2.13
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-12	Finding:	8.44
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-12	Finding:	2.56
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-12	Finding:	0.951
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		

C31
West
1/2 - 1 Mile
Higher

CA WELLS 560

Seq:	560	Prim sta c:	01N/14W-08B03 S
Frds no:	1910067067	County:	19
District:	15	User id:	MET
System no:	1910067	Water type:	G
Source nam:	NORTH HOLLYWOOD AERATION WELL 07	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341130.0	Longitude:	1182200.0
Precision:	3	Status:	AR
Comment 1:	67’ S OF KITTRIDGE ST & 39’ E OF CLEON ST.		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	1910067	System nam:	Los Angeles-City, Dept. Of Water & Power
Hqname:	LOS ANGELES CTY DPT WTR & PWR	Address:	P.O. BOX 51111, ROOM 1420
City:	LOS ANGELES	State:	CA
Zip:	90051	Zip ext:	Not Reported
Pop serv:	3700000	Connection:	657422
Area serve:	LOS ANGELES		
Sample date:	03-NOV-17	Finding:	5.46
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-17	Finding:	6.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-17	Finding:	1.34
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-17	Finding:	2.42
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	03-NOV-17	Finding:	472.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-NOV-17	Finding:	0.793
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-17	Finding:	1.35
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	20-OCT-17	Finding:	2.32
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-OCT-17	Finding:	495.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-OCT-17	Finding:	0.687
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-OCT-17	Finding:	6.17
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-OCT-17	Finding:	1.53
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	20-OCT-17	Finding:	15.34
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	20-OCT-17	Finding:	6.77
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-OCT-17	Finding:	1.06
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-SEP-17	Finding:	1.44
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-SEP-17	Finding:	16.15
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	26-SEP-17	Finding:	6.74
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-SEP-17	Finding:	1.15
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-SEP-17	Finding:	0.541
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	26-SEP-17	Finding:	2.42
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-SEP-17	Finding:	487.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-SEP-17	Finding:	0.769
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-SEP-17	Finding:	6.22
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JUL-17	Finding:	6.59
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JUL-17	Finding:	1.87
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	18-JUL-17	Finding:	7.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-17	Finding:	1.03
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-17	Finding:	0.539
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-17	Finding:	2.44
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-17	Finding:	503.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-17	Finding:	0.773
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-17	Finding:	484.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JUN-17	Finding:	0.839
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-17	Finding:	6.37
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	13-JUN-17	Finding:	1.68
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-JUN-17	Finding:	7.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-17	Finding:	2.61
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-17	Finding:	1.09
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JUN-17	Finding:	0.572
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-17	Finding:	7.87
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-MAR-17	Finding:	7.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-17	Finding:	0.864
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-17	Finding:	0.793
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-17	Finding:	4.14
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-17	Finding:	540.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-MAR-17	Finding:	0.909
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-17	Finding:	0.521
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	13-MAR-17	Finding:	2.52
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	14-FEB-17	Finding:	0.682
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	0.739
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	4.73
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	541.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	0.32
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	0.833
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	0.209
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	8.38
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-FEB-17	Finding:	1.08
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	14-FEB-17	Finding:	232.
Chemical:	CHLORATE	Report units:	UG/L
Dlr:	20.		
Sample date:	14-FEB-17	Finding:	2.
Chemical:	GROSS BETA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	1.5
Chemical:	GROSS BETA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	4.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	889.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	336.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	410.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	8.38
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	14-FEB-17	Finding:	9.5e-002
Chemical:	PHOSPHATE (AS PO4)	Report units:	UG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	0.441
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	14-FEB-17	Finding:	402.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	115.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	28.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	31.1
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	5.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	36.6
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	64.7
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-FEB-17	Finding:	0.324
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-FEB-17	Finding:	27.9
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-17	Finding:	134.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	14-FEB-17	Finding:	180.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-FEB-17	Finding:	2.66
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	14-FEB-17	Finding:	18.09
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	14-FEB-17	Finding:	7.22
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	9.53
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-MAY-16	Finding:	1.16
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	31-MAY-16	Finding:	20.77
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	31-MAY-16	Finding:	7.9
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	0.642
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	0.984
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	9.49
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	576.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAY-16	Finding:	0.903
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAY-16	Finding:	0.647
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	31-MAY-16	Finding:	2.72
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	21-APR-16	Finding:	6.62
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	535.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-APR-16	Finding:	0.785
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	0.517
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		

Sample date:	21-APR-16	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	21-APR-16	Finding:	8.01
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-APR-16	Finding:	2.44
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	21-APR-16	Finding:	7.56
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	0.833
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-APR-16	Finding:	0.789
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-16	Finding:	8.36
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-MAR-16	Finding:	2.43
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-MAR-16	Finding:	18.63
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	13-MAR-16	Finding:	7.38
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-16	Finding:	0.9
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-16	Finding:	0.768
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-16	Finding:	7.65
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-16	Finding:	533.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-MAR-16	Finding:	0.796
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-MAR-16	Finding:	0.507
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L

Dlr:	0.		
Sample date:	13-MAR-16	Finding:	1.16
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	13-MAR-16	Finding:	0.29
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-MAR-16	Finding:	1.6
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-FEB-16	Finding:	0.834
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	0.651
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	27-FEB-16	Finding:	1.18
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-FEB-16	Finding:	8.13
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-FEB-16	Finding:	2.33
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-FEB-16	Finding:	3.6
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	27-FEB-16	Finding:	9.37
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	0.892
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	0.951
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	8.35
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	521.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JAN-16	Finding:	8.13
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	13-JAN-16	Finding:	1.12
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	13-JAN-16	Finding:	8.25
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	0.789
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	0.812
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	7.18
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	539.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JAN-16	Finding:	0.865
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	0.502
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	13-JAN-16	Finding:	2.19
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-DEC-15	Finding:	2.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-NOV-15	Finding:	9.05
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-NOV-15	Finding:	0.697
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-NOV-15	Finding:	0.895
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-NOV-15	Finding:	8.37
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-NOV-15	Finding:	528.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-NOV-15	Finding:	37.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	30-NOV-15	Finding:	0.889
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-NOV-15	Finding:	0.512
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	30-NOV-15	Finding:	1.25
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	30-NOV-15	Finding:	2.11
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-NOV-15	Finding:	16.82
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	30-OCT-15	Finding:	1.75
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-OCT-15	Finding:	17.69
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	30-OCT-15	Finding:	9.02
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	0.794
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	0.848
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	7.85
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	525.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-15	Finding:	37.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-OCT-15	Finding:	1.02
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	0.515
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		

Sample date:	30-OCT-15	Finding:	1.21
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	28-SEP-15	Finding:	7.87
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-SEP-15	Finding:	0.962
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	0.557
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	28-SEP-15	Finding:	1.24
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	28-SEP-15	Finding:	1.76
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-SEP-15	Finding:	17.09
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	28-SEP-15	Finding:	8.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	0.787
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	0.87
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	538.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-AUG-15	Finding:	1.76
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-AUG-15	Finding:	3.2
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	28-AUG-15	Finding:	7.82
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-15	Finding:	0.751
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L

Dlr:	0.5		
Sample date:	28-AUG-15	Finding:	0.813
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-15	Finding:	6.82
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-15	Finding:	536.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-AUG-15	Finding:	36.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-AUG-15	Finding:	0.92
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-AUG-15	Finding:	1.21
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	16-JUL-15	Finding:	1.45
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	16-JUL-15	Finding:	1.53
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-JUL-15	Finding:	3.4
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	16-JUL-15	Finding:	16.08
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	16-JUL-15	Finding:	8.61
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	0.75
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	0.822
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	7.45
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	537.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	16-JUL-15	Finding:	35.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-JUL-15	Finding:	0.927
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	0.545
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	25-JUN-15	Finding:	1.46
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-JUN-15	Finding:	9.09
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUN-15	Finding:	0.89
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUN-15	Finding:	0.955
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUN-15	Finding:	1.49
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	25-JUN-15	Finding:	548.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUN-15	Finding:	35.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-JUN-15	Finding:	1.02
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUN-15	Finding:	0.542
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	25-JUN-15	Finding:	7.85
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-15	Finding:	1.45
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-FEB-15	Finding:	16.48
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	27-FEB-15	Finding:	8.77
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	27-FEB-15	Finding:	0.887
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-15	Finding:	1.36
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-FEB-15	Finding:	7.28
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-15	Finding:	533.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-15	Finding:	35.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-FEB-15	Finding:	1.03
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-15	Finding:	0.906
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	1.47
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-JAN-15	Finding:	16.55
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	26-JAN-15	Finding:	9.53
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	0.832
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	1.04
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	1.48
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	26-JAN-15	Finding:	557.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JAN-15	Finding:	35.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	26-JAN-15	Finding:	1.03
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	0.512
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	26-JAN-15	Finding:	7.43
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-DEC-14	Finding:	41.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-DEC-14	Finding:	555.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	11-DEC-14	Finding:	0.549
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	11-DEC-14	Finding:	2.04
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	11-DEC-14	Finding:	1.38
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-DEC-14	Finding:	5.37
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-DEC-14	Finding:	1.65
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-DEC-14	Finding:	0.564
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-DEC-14	Finding:	13.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-DEC-14	Finding:	16.88
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	11-DEC-14	Finding:	1.68
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-SEP-14	Finding:	1.06
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-SEP-14	Finding:	35.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	29-SEP-14	Finding:	517.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-SEP-14	Finding:	7.82
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-SEP-14	Finding:	1.09
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-SEP-14	Finding:	1.37
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-SEP-14	Finding:	16.95
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	29-SEP-14	Finding:	10.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-SEP-14	Finding:	0.849
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-SEP-14	Finding:	0.552
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	1.39
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	26-AUG-14	Finding:	0.913
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-14	Finding:	33.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-AUG-14	Finding:	7.32
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-14	Finding:	512.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	0.796
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-14	Finding:	0.722
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		

Sample date:	26-AUG-14	Finding:	10.4
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-14	Finding:	16.28
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	26-AUG-14	Finding:	3.2
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	26-AUG-14	Finding:	1.26
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-JUL-14	Finding:	522.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JUL-14	Finding:	1.17
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	21-JUL-14	Finding:	15.34
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	21-JUL-14	Finding:	8.06
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUL-14	Finding:	0.902
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUL-14	Finding:	0.911
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUL-14	Finding:	5.54
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUL-14	Finding:	30.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-JUL-14	Finding:	0.825
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-JUL-14	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-JUN-14	Finding:	8.28
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	0.804
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	5.51
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	31.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JUN-14	Finding:	0.794
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	1.46
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-JUN-14	Finding:	15.28
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	27-JUN-14	Finding:	1.02
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	1.12
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-MAY-14	Finding:	15.61
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	30-MAY-14	Finding:	8.06
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	1.21
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	1.39
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	30-MAY-14	Finding:	5.35
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	29.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-MAY-14	Finding:	0.918
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	0.887
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	17-APR-14	Finding:	1.04
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	17-APR-14	Finding:	14.07
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	17-APR-14	Finding:	5.6
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-APR-14	Finding:	1.37
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	17-APR-14	Finding:	3.34
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-APR-14	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-14	Finding:	0.672
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-APR-14	Finding:	0.952
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	1.01
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	31-MAR-14	Finding:	3.3
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	31-MAR-14	Finding:	14.54
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	31-MAR-14	Finding:	8.32
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	1.51
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	31-MAR-14	Finding:	0.865
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	4.61
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	27.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	31-MAR-14	Finding:	0.742
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	1.21
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	4.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	6520.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-FEB-14	Finding:	309.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	377.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.221
Chemical:	PHOSPHATE (AS PO4)	Report units:	UG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.77
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	18-FEB-14	Finding:	347.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	98.5
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	24.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	31.3
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	4.77
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	28.4
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	61.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	18-FEB-14	Finding:	0.365
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-FEB-14	Finding:	28.
Chemical:	SILICA	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	117.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	18-FEB-14	Finding:	201.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-FEB-14	Finding:	3.4
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	18-FEB-14	Finding:	15.75
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	18-FEB-14	Finding:	7.13
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	0.951
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	0.602
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	4.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	481.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.41
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	28.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-FEB-14	Finding:	0.581
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	0.169
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	821.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	18-JUL-13	Finding:	0.697
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-13	Finding:	29.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUL-13	Finding:	5.71
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-13	Finding:	0.841
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-13	Finding:	0.902
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	18-JUL-13	Finding:	1.18
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	18-JUL-13	Finding:	15.28
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	18-JUL-13	Finding:	3.4
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	18-JUL-13	Finding:	1.02
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	18-JUL-13	Finding:	7.56
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	02-JUL-13	Finding:	31.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JUN-13	Finding:	15.14
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	28-JUN-13	Finding:	0.508
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-13	Finding:	5.03
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-13	Finding:	0.74
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	28-JUN-13	Finding:	0.569
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-13	Finding:	6.66
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-13	Finding:	3.2
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	28-JUN-13	Finding:	1.02
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-MAR-13	Finding:	14.
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	25-MAR-13	Finding:	3.6
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	25-MAR-13	Finding:	9.4
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	25-MAR-13	Finding:	1.2e-002
Chemical:	N-NITROSODIMETHYLAMINE (NDMA)	Report units:	UG/L
Dlr:	0.		
Sample date:	25-MAR-13	Finding:	0.625
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	6.43
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	13.
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	25-MAR-13	Finding:	0.679
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	3.5
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-MAR-13	Finding:	4.59
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-MAR-13	Finding:	3.2
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	25-MAR-13	Finding:	0.9
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	14.
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	04-OCT-12	Finding:	6.21
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	0.986
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	0.535
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	5.78
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	23.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-OCT-12	Finding:	0.511
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	6.83
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	0.707
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	0.778
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	11.2
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	30.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-AUG-12	Finding:	0.538
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	1.35
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		

Sample date:	29-AUG-12	Finding:	1.08
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-AUG-12	Finding:	15.95
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	23-JUL-12	Finding:	0.599
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	1.01
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	23-JUL-12	Finding:	28.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUL-12	Finding:	10.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	15.68
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	23-JUL-12	Finding:	0.768
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	6.57
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	0.835
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-JUL-12	Finding:	1.34
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-JUN-12	Finding:	14.81
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	27-JUN-12	Finding:	0.669
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	0.8
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	10.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	27.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	27-JUN-12	Finding:	0.52
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	1.37
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-JUN-12	Finding:	6.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	0.553
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	25.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-MAY-12	Finding:	7.11
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	0.585
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	0.734
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	5.54
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	27.4
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	62.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	0.409
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	21-MAY-12	Finding:	13.33
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	21-MAY-12	Finding:	0.158
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAY-12	Finding:	1.18
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		

Sample date:	26-APR-12	Finding:	24.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-APR-12	Finding:	6.66
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	0.579
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	0.777
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	5.24
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	14.27
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	26-APR-12	Finding:	3.5
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	26-APR-12	Finding:	0.556
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	17-APR-12	Finding:	1.18
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	20-MAR-12	Finding:	0.923
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	0.54
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	4.72
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	22.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-MAR-12	Finding:	4.09
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	13.6
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	20-MAR-12	Finding:	0.548
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	13.27
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	24-FEB-12	Finding:	4.02
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	5.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	21.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-FEB-12	Finding:	0.55
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	0.871
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-12	Finding:	26.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-JAN-12	Finding:	9.87
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-12	Finding:	0.791
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-12	Finding:	0.877
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-12	Finding:	5.34
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	12-JAN-12	Finding:	14.67
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	12-JAN-12	Finding:	0.615
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

C32
West
1/2 - 1 Mile
Higher

CA WELLS **22817**

Seq:	22817	Prim sta c:	G19/067-SYSNHAI
Frds no:	1910067158	County:	19

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District:	15	User id:	MET
System no:	1910067	Water type:	G
Source nam:	NORTH HOLLYWOOD AERATION TOWER INLET		
Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY	Latitude:	341130.2
Longitude:	1182200.2	Precision:	5
Status:	AU	Comment 1:	Not Reported
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	1910067	System nam:	Los Angeles-City, Dept. Of Water & Power
Hqname:	LOS ANGELES CTY DPT WTR & PWR	Address:	P.O. BOX 51111, ROOM 1420
City:	LOS ANGELES	State:	CA
Zip:	90051	Zip ext:	Not Reported
Pop serv:	3700000	Connection:	657422
Area serve:	LOS ANGELES		
Sample date:	03-NOV-17	Finding:	414.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-NOV-17	Finding:	1.34
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-17	Finding:	1.22
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	03-NOV-17	Finding:	234.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-NOV-17	Finding:	4.91
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-17	Finding:	82.9
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-NOV-17	Finding:	4.51
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-NOV-17	Finding:	6.81
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-17	Finding:	0.624
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	03-NOV-17	Finding:	20.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-OCT-17	Finding:	239.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-OCT-17	Finding:	83.9

Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-OCT-17	Finding:	4.51
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	20-OCT-17	Finding:	8.21
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-OCT-17	Finding:	18.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-OCT-17	Finding:	428.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-OCT-17	Finding:	1.06
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-OCT-17	Finding:	1.12
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	20-OCT-17	Finding:	5.95
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-SEP-17	Finding:	1.09
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	27-SEP-17	Finding:	6.03
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-SEP-17	Finding:	81.1
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-SEP-17	Finding:	4.56
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-SEP-17	Finding:	8.02
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-SEP-17	Finding:	18.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-SEP-17	Finding:	417.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-SEP-17	Finding:	1.13
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	27-SEP-17	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	8.93
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	0.582
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	0.683
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	19.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	448.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	1.32
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-17	Finding:	1.43
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	237.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-AUG-17	Finding:	83.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	4.37
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-JUL-17	Finding:	251.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JUL-17	Finding:	5.96
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-JUL-17	Finding:	87.6
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JUL-17	Finding:	3.99
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L

Dlr:	1.		
Sample date:	10-JUL-17	Finding:	10.
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUL-17	Finding:	20.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUL-17	Finding:	434.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JUL-17	Finding:	1.24
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-JUL-17	Finding:	1.19
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	10-JUL-17	Finding:	1.04
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	22-JUN-17	Finding:	39.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-17	Finding:	455.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JUN-17	Finding:	0.993
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-17	Finding:	1.04
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	22-JUN-17	Finding:	1.14
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	22-JUN-17	Finding:	259.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JUN-17	Finding:	7.05
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-17	Finding:	95.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JUN-17	Finding:	2.93
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	22-JUN-17	Finding:	8.85
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	22-JUN-17	Finding:	1.04
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAR-17	Finding:	271.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAR-17	Finding:	2.1e-003
Chemical:	N-NITROSODIETHYLAMINE (NDEA)	Report units:	UG/L
Dlr:	0.		
Sample date:	10-MAR-17	Finding:	90.5
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAR-17	Finding:	3.08
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-MAR-17	Finding:	0.647
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAR-17	Finding:	9.11
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAR-17	Finding:	0.508
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAR-17	Finding:	1.07
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAR-17	Finding:	41.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAR-17	Finding:	473.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAR-17	Finding:	1.04
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	10-MAR-17	Finding:	1.11
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	10-MAR-17	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	10-MAR-17	Finding:	7.36
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	16-FEB-17	Finding:	1.1
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-FEB-17	Finding:	1.14
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	16-FEB-17	Finding:	1.22
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	16-FEB-17	Finding:	266.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-FEB-17	Finding:	7.53
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-17	Finding:	86.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-FEB-17	Finding:	2.98
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-FEB-17	Finding:	0.581
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-FEB-17	Finding:	9.21
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-FEB-17	Finding:	1.16
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-FEB-17	Finding:	43.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-FEB-17	Finding:	496.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	266.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	1.02
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	30-JAN-17	Finding:	96.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	30-JAN-17	Finding:	3.08
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-JAN-17	Finding:	0.587
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JAN-17	Finding:	9.27
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JAN-17	Finding:	1.11
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JAN-17	Finding:	42.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JAN-17	Finding:	481.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	1.07
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-JAN-17	Finding:	1.1
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	7.68
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-NOV-16	Finding:	58.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-16	Finding:	436.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-NOV-16	Finding:	1.21
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-16	Finding:	1.41
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	29-NOV-16	Finding:	1.07
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	29-NOV-16	Finding:	253.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-NOV-16	Finding:	7.29
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	29-NOV-16	Finding:	89.8
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-NOV-16	Finding:	3.15
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-NOV-16	Finding:	0.818
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-16	Finding:	10.5
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-NOV-16	Finding:	1.73
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-MAY-16	Finding:	270.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-MAY-16	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-MAY-16	Finding:	101.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-MAY-16	Finding:	2.85
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-MAY-16	Finding:	0.749
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-MAY-16	Finding:	8.97
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-MAY-16	Finding:	0.527
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-MAY-16	Finding:	1.3
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-MAY-16	Finding:	43.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-MAY-16	Finding:	472.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	26-MAY-16	Finding:	1.29
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-MAY-16	Finding:	1.2
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	26-MAY-16	Finding:	1.23
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	19-APR-16	Finding:	453.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-16	Finding:	1.19
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-16	Finding:	1.11
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	19-APR-16	Finding:	1.32
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	19-APR-16	Finding:	263.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-16	Finding:	7.04
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-16	Finding:	98.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-16	Finding:	2.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-APR-16	Finding:	0.697
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-16	Finding:	8.33
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-16	Finding:	0.573
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-16	Finding:	1.13
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-APR-16	Finding:	39.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	29-MAR-16	Finding:	264.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAR-16	Finding:	1.21
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	29-MAR-16	Finding:	102.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAR-16	Finding:	2.99
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-MAR-16	Finding:	0.639
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-16	Finding:	8.11
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-16	Finding:	1.07
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-16	Finding:	38.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-16	Finding:	473.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAR-16	Finding:	1.12
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-MAR-16	Finding:	1.05
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	29-MAR-16	Finding:	7.29
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-FEB-16	Finding:	310.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-16	Finding:	8.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-FEB-16	Finding:	110.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	27-FEB-16	Finding:	1.72
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-FEB-16	Finding:	1.38
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	9.85
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	0.808
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	2.36
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	64.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	512.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-16	Finding:	0.753
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-16	Finding:	1.05
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	27-FEB-16	Finding:	1.35
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	13-JAN-16	Finding:	272.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JAN-16	Finding:	1.15
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	13-JAN-16	Finding:	103.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JAN-16	Finding:	2.34
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-JAN-16	Finding:	0.735
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	8.45
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	0.547
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	1.28
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	38.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	466.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JAN-16	Finding:	1.19
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	13-JAN-16	Finding:	0.843
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	13-JAN-16	Finding:	6.82
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-DEC-15	Finding:	2.41
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-NOV-15	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-NOV-15	Finding:	1.33
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-NOV-15	Finding:	2.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-NOV-15	Finding:	0.892
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-NOV-15	Finding:	8.38
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-NOV-15	Finding:	1.18
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-NOV-15	Finding:	51.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	27-NOV-15	Finding:	435.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-NOV-15	Finding:	29.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-NOV-15	Finding:	1.25
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-NOV-15	Finding:	1.14
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	27-NOV-15	Finding:	93.2
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-15	Finding:	1.27
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	0.923
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	30-OCT-15	Finding:	1.31
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	30-OCT-15	Finding:	270.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-15	Finding:	98.8
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-15	Finding:	2.07
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-OCT-15	Finding:	0.902
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	8.09
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	0.558
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	1.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	38.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	30-OCT-15	Finding:	450.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-15	Finding:	30.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-SEP-15	Finding:	0.701
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	2.59
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-SEP-15	Finding:	7.41
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	1.03
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	34.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	462.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-SEP-15	Finding:	30.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-SEP-15	Finding:	1.2
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-SEP-15	Finding:	0.95
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	28-SEP-15	Finding:	1.32
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	28-SEP-15	Finding:	267.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	28-SEP-15	Finding:	99.6
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-15	Finding:	266.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	20-AUG-15	Finding:	1.4
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	20-AUG-15	Finding:	2.62
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	20-AUG-15	Finding:	0.665
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-AUG-15	Finding:	7.04
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-AUG-15	Finding:	0.62
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-AUG-15	Finding:	1.14
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-AUG-15	Finding:	34.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-AUG-15	Finding:	458.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-15	Finding:	29.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-15	Finding:	1.29
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-AUG-15	Finding:	0.861
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	20-AUG-15	Finding:	97.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-15	Finding:	35.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	462.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-15	Finding:	29.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-JUL-15	Finding:	1.24
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	0.952
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	16-JUL-15	Finding:	1.32
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	16-JUL-15	Finding:	262.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-15	Finding:	99.7
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-15	Finding:	2.37
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-JUL-15	Finding:	0.784
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	7.54
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	0.512
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-15	Finding:	1.09
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUN-15	Finding:	101.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUN-15	Finding:	2.34
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-JUN-15	Finding:	0.621
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUN-15	Finding:	7.12
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUN-15	Finding:	0.582
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUN-15	Finding:	1.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	19-JUN-15	Finding:	270.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUN-15	Finding:	483.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUN-15	Finding:	28.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-JUN-15	Finding:	1.23
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-JUN-15	Finding:	0.814
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	19-JUN-15	Finding:	1.45
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	19-JUN-15	Finding:	33.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-15	Finding:	1.35
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	07-MAY-15	Finding:	244.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-MAY-15	Finding:	92.7
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-MAY-15	Finding:	2.71
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-MAY-15	Finding:	1.09
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-15	Finding:	8.14
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-15	Finding:	1.36
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-15	Finding:	51.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	07-MAY-15	Finding:	436.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	07-MAY-15	Finding:	26.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-MAY-15	Finding:	1.22
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	07-MAY-15	Finding:	1.64
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-15	Finding:	0.729
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	24-FEB-15	Finding:	1.26
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-15	Finding:	26.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-FEB-15	Finding:	461.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-15	Finding:	35.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-15	Finding:	1.19
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-15	Finding:	0.603
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-15	Finding:	6.89
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-15	Finding:	0.815
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-15	Finding:	2.11
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	24-FEB-15	Finding:	96.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-15	Finding:	264.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	24-FEB-15	Finding:	1.26
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	26-JAN-15	Finding:	0.757
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	26-JAN-15	Finding:	1.25
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	26.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JAN-15	Finding:	466.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JAN-15	Finding:	33.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	1.27
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	1.24
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	26-JAN-15	Finding:	7.28
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	0.8
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-JAN-15	Finding:	2.18
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-JAN-15	Finding:	98.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JAN-15	Finding:	270.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JAN-15	Finding:	0.574
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	0.665
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	1.36
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	27.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	31-DEC-14	Finding:	447.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	29.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	1.29
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	1.34
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	31-DEC-14	Finding:	7.27
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	0.796
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-DEC-14	Finding:	2.19
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	31-DEC-14	Finding:	97.1
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	0.144
Chemical:	PHOSPHATE (AS PO4)	Report units:	UG/L
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	274.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	0.605
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-NOV-14	Finding:	80.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-NOV-14	Finding:	1.08
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	11-NOV-14	Finding:	0.752
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		

Sample date:	11-NOV-14	Finding:	1.4
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-NOV-14	Finding:	22.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-NOV-14	Finding:	417.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	11-NOV-14	Finding:	43.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-NOV-14	Finding:	1.43
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-NOV-14	Finding:	6.24
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-NOV-14	Finding:	1.04
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	11-NOV-14	Finding:	2.49
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-NOV-14	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-SEP-14	Finding:	0.549
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-SEP-14	Finding:	1.19
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-SEP-14	Finding:	29.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-SEP-14	Finding:	449.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-SEP-14	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-SEP-14	Finding:	6.64
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-SEP-14	Finding:	0.59
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L

Dlr:	0.		
Sample date:	29-SEP-14	Finding:	1.18
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	29-SEP-14	Finding:	93.6
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-SEP-14	Finding:	0.918
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-SEP-14	Finding:	262.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-SEP-14	Finding:	1.14
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-14	Finding:	1.03
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	26-AUG-14	Finding:	0.511
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	269.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	95.5
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	0.721
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-14	Finding:	7.26
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-14	Finding:	0.901
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-14	Finding:	30.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-AUG-14	Finding:	443.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	0.883
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	26-AUG-14	Finding:	25.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-JUL-14	Finding:	6.05
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-14	Finding:	0.573
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-14	Finding:	1.11
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-14	Finding:	25.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-14	Finding:	449.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-14	Finding:	24.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-JUL-14	Finding:	0.817
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-JUL-14	Finding:	0.53
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	25-JUL-14	Finding:	1.09
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	25-JUL-14	Finding:	258.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-14	Finding:	94.7
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-14	Finding:	0.631
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	85.5
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-14	Finding:	0.948
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	438.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	27-JUN-14	Finding:	25.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	0.933
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	0.54
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	5.72
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-14	Finding:	260.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-14	Finding:	0.583
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	27-JUN-14	Finding:	0.73
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	26.4
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	420.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-14	Finding:	0.939
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	0.617
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	30-MAY-14	Finding:	259.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-14	Finding:	0.605
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	5.68
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	30-MAY-14	Finding:	0.781
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		

Sample date:	30-MAY-14	Finding:	86.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-14	Finding:	1.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	26.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	414.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	0.742
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	0.587
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	1.06
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	252.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	82.7
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	0.824
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	5.54
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-MAR-14	Finding:	0.65
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-14	Finding:	0.579
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	27-FEB-14	Finding:	0.586
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-14	Finding:	405.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-14	Finding:	78.8
Chemical:	CALCIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	27-FEB-14	Finding:	232.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-14	Finding:	5.13
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-14	Finding:	1.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-14	Finding:	41.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-FEB-14	Finding:	0.963
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-13	Finding:	277.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-13	Finding:	93.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-13	Finding:	1.1
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-13	Finding:	6.12
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-13	Finding:	462.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-13	Finding:	0.589
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-13	Finding:	1.16
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-13	Finding:	29.7
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-13	Finding:	0.779
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	16-JUL-13	Finding:	0.642
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		

Sample date:	28-JUN-13	Finding:	0.628
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	28-JUN-13	Finding:	0.655
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-13	Finding:	476.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JUN-13	Finding:	1.1
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-13	Finding:	6.22
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-13	Finding:	0.829
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	28-JUN-13	Finding:	101.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JUN-13	Finding:	282.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JUN-13	Finding:	30.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	410.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	25-MAR-13	Finding:	19.9
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	0.708
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	4.8
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	0.712
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	25-MAR-13	Finding:	83.7
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-MAR-13	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	25-MAR-13	Finding:	0.674
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	248.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-12	Finding:	87.7
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-12	Finding:	0.996
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	6.47
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	0.676
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	04-OCT-12	Finding:	1.2
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	27.8
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	427.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-12	Finding:	1.04
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	04-OCT-12	Finding:	0.634
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	424.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-12	Finding:	0.948
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	0.688
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	29-AUG-12	Finding:	249.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	29-AUG-12	Finding:	87.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-12	Finding:	0.982
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	7.36
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	0.519
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	1.15
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	29-AUG-12	Finding:	27.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	95.8
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUL-12	Finding:	0.88
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	23-JUL-12	Finding:	1.51
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	447.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUL-12	Finding:	6.59
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	25.6
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	1.44
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	0.851
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	23-JUL-12	Finding:	268.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	263.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	27-JUN-12	Finding:	92.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	1.26
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	7.01
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	1.47
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	30.5
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	451.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	0.95
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	27-JUN-12	Finding:	0.826
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	0.555
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	0.912
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	251.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	85.2
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	0.735
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	0.655
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	0.856
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	21-MAY-12	Finding:	22.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	21-MAY-12	Finding:	437.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	5.82
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	0.899
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	412.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-APR-12	Finding:	21.3
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	0.888
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	5.75
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	0.787
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	26-APR-12	Finding:	85.2
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-APR-12	Finding:	251.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-APR-12	Finding:	0.669
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	20-MAR-12	Finding:	245.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAR-12	Finding:	93.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAR-12	Finding:	0.751
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	5.04
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L

Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	0.649
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	20-MAR-12	Finding:	0.989
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	22.1
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	411.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAR-12	Finding:	0.937
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	20-MAR-12	Finding:	0.563
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	248.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-12	Finding:	85.1
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-12	Finding:	0.864
Chemical:	CARBON TETRACHLORIDE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	5.12
Chemical:	TETRACHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	0.527
Chemical:	1,1-DICHLOROETHANE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	0.844
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	23.
Chemical:	TRICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	24-FEB-12	Finding:	400.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-12	Finding:	0.933
Chemical:	CIS-1,2-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		

Sample date:	24-FEB-12	Finding:	0.664
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		

C33
West
1/2 - 1 Mile
Higher

CA WELLS 22818

Seq:	22818	Prim sta c:	G19/067-SYSNHAO
Frds no:	1910067159	County:	19
District:	15	User id:	MET
System no:	1910067	Water type:	G
Source nam:	NORTH HOLLYWOOD AERATION TOWER OUTLET		
Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY	Latitude:	341130.1
Longitude:	1182200.1	Precision:	5
Status:	AT	Comment 1:	Not Reported
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	1910067	System nam:	Los Angeles-City, Dept. Of Water & Power
Hqname:	LOS ANGELES CTY DPT WTR & PWR	Address:	P.O. BOX 51111, ROOM 1420
City:	LOS ANGELES	State:	CA
Zip:	90051	Zip ext:	Not Reported
Pop serv:	3700000	Connection:	657422
Area serve:	LOS ANGELES		
Sample date:	03-NOV-17	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-NOV-17	Finding:	5.59
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-17	Finding:	86.6
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-NOV-17	Finding:	4.6
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-NOV-17	Finding:	425.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-OCT-17	Finding:	237.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-OCT-17	Finding:	84.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-OCT-17	Finding:	4.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	20-OCT-17	Finding:	427.

Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-OCT-17	Finding:	5.95
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-SEP-17	Finding:	239.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-SEP-17	Finding:	6.04
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-SEP-17	Finding:	80.5
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-SEP-17	Finding:	4.51
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-SEP-17	Finding:	418.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	422.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	1.02
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	29-AUG-17	Finding:	241.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-AUG-17	Finding:	83.1
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-17	Finding:	4.37
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-JUL-17	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JUL-17	Finding:	5.96
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-JUL-17	Finding:	88.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	10-JUL-17	Finding:	3.98
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-JUL-17	Finding:	440.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-JUL-17	Finding:	1.01
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	22-JUN-17	Finding:	452.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JUN-17	Finding:	1.11
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	22-JUN-17	Finding:	259.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JUN-17	Finding:	7.06
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-17	Finding:	95.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JUN-17	Finding:	3.08
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-MAR-17	Finding:	270.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAR-17	Finding:	1.22
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	10-MAR-17	Finding:	89.9
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAR-17	Finding:	3.07
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	10-MAR-17	Finding:	464.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-MAR-17	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-17	Finding:	479.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	16-FEB-17	Finding:	1.27
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	16-FEB-17	Finding:	272.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-FEB-17	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-17	Finding:	85.7
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-FEB-17	Finding:	2.98
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-JAN-17	Finding:	265.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	1.02
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	30-JAN-17	Finding:	95.7
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	2.95
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-JAN-17	Finding:	480.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-JAN-17	Finding:	7.68
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-NOV-16	Finding:	440.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-NOV-16	Finding:	1.06
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	29-NOV-16	Finding:	254.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-NOV-16	Finding:	7.31
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	29-NOV-16	Finding:	88.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-NOV-16	Finding:	3.11
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-MAY-16	Finding:	268.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-MAY-16	Finding:	7.41
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-MAY-16	Finding:	101.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-MAY-16	Finding:	2.82
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-MAY-16	Finding:	471.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-MAY-16	Finding:	1.23
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	19-APR-16	Finding:	456.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-16	Finding:	1.31
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	19-APR-16	Finding:	264.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-16	Finding:	7.05
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-16	Finding:	97.9
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-16	Finding:	2.9
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-MAR-16	Finding:	264.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAR-16	Finding:	1.21
Chemical:	1,4-DIOXANE	Report units:	UG/L

Dlr:	1.		
Sample date:	29-MAR-16	Finding:	102.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAR-16	Finding:	3.04
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-MAR-16	Finding:	471.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-MAR-16	Finding:	7.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-FEB-16	Finding:	310.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-16	Finding:	8.43
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-FEB-16	Finding:	109.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-16	Finding:	1.71
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-FEB-16	Finding:	515.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-16	Finding:	1.37
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	13-JAN-16	Finding:	272.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JAN-16	Finding:	1.15
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	13-JAN-16	Finding:	104.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JAN-16	Finding:	2.51
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	13-JAN-16	Finding:	462.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	13-JAN-16	Finding:	6.87
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-DEC-15	Finding:	2.39
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-NOV-15	Finding:	436.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-NOV-15	Finding:	29.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-NOV-15	Finding:	1.22
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	27-NOV-15	Finding:	244.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-NOV-15	Finding:	96.1
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-NOV-15	Finding:	2.92
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-OCT-15	Finding:	269.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-15	Finding:	1.14
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	30-OCT-15	Finding:	2.13
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	30-OCT-15	Finding:	443.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-OCT-15	Finding:	30.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-OCT-15	Finding:	97.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-SEP-15	Finding:	1.26
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	28-SEP-15	Finding:	266.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	28-SEP-15	Finding:	101.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-SEP-15	Finding:	2.55
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	28-SEP-15	Finding:	465.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-SEP-15	Finding:	30.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-15	Finding:	2.61
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	20-AUG-15	Finding:	461.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-15	Finding:	29.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-15	Finding:	1.43
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	20-AUG-15	Finding:	262.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-15	Finding:	98.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-15	Finding:	29.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-JUL-15	Finding:	459.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-15	Finding:	264.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-15	Finding:	100.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-15	Finding:	2.31
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	16-JUL-15	Finding:	1.23
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	19-JUN-15	Finding:	1.37
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	19-JUN-15	Finding:	28.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-JUN-15	Finding:	490.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUN-15	Finding:	2.32
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	19-JUN-15	Finding:	99.1
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-JUN-15	Finding:	270.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-MAY-15	Finding:	1.45
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	07-MAY-15	Finding:	26.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-MAY-15	Finding:	379.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-MAY-15	Finding:	2.7
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	07-MAY-15	Finding:	93.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-MAY-15	Finding:	237.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-15	Finding:	1.31
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	24-FEB-15	Finding:	264.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-15	Finding:	97.2
Chemical:	CALCIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	24-FEB-15	Finding:	2.07
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	24-FEB-15	Finding:	462.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-15	Finding:	26.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JAN-15	Finding:	1.28
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	26-JAN-15	Finding:	97.7
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JAN-15	Finding:	0.375
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	26-JAN-15	Finding:	2.18
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-JAN-15	Finding:	467.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JAN-15	Finding:	26.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JAN-15	Finding:	270.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	275.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	0.816
Chemical:	PHOSPHATE (AS PO4)	Report units:	UG/L
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	96.8
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	1.3
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	31-DEC-14	Finding:	447.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	31-DEC-14	Finding:	27.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	31-DEC-14	Finding:	2.19
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-NOV-14	Finding:	2.45
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-NOV-14	Finding:	422.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	11-NOV-14	Finding:	22.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-NOV-14	Finding:	1.08
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	11-NOV-14	Finding:	241.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	11-NOV-14	Finding:	79.6
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-SEP-14	Finding:	93.6
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-SEP-14	Finding:	2.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-SEP-14	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-SEP-14	Finding:	265.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-SEP-14	Finding:	447.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	1.04
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	26-AUG-14	Finding:	25.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-AUG-14	Finding:	434.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	26-AUG-14	Finding:	93.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-AUG-14	Finding:	2.08
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-AUG-14	Finding:	270.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-14	Finding:	437.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-14	Finding:	24.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-JUL-14	Finding:	1.08
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dlr:	1.		
Sample date:	25-JUL-14	Finding:	1.95
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-JUL-14	Finding:	91.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-14	Finding:	262.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-14	Finding:	432.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-14	Finding:	2.04
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-JUN-14	Finding:	86.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-14	Finding:	255.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-14	Finding:	257.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-14	Finding:	415.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	30-MAY-14	Finding:	86.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-14	Finding:	2.35
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	31-MAR-14	Finding:	252.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	2.08
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	31-MAR-14	Finding:	423.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-MAR-14	Finding:	83.8
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-14	Finding:	2.01
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-FEB-14	Finding:	80.9
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-14	Finding:	232.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-FEB-14	Finding:	406.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-13	Finding:	1.54
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	16-JUL-13	Finding:	93.8
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-13	Finding:	277.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-JUL-13	Finding:	449.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JUN-13	Finding:	281.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JUN-13	Finding:	101.
Chemical:	CALCIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	28-JUN-13	Finding:	481.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JUN-13	Finding:	1.42
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-MAR-13	Finding:	1.84
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	25-MAR-13	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-MAR-13	Finding:	82.1
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-MAR-13	Finding:	406.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-12	Finding:	92.1
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-12	Finding:	245.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-12	Finding:	418.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-OCT-12	Finding:	5.66
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-AUG-12	Finding:	429.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-12	Finding:	5.11
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	29-AUG-12	Finding:	87.6
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-AUG-12	Finding:	248.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUL-12	Finding:	6.89
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

Sample date:	23-JUL-12	Finding:	96.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUL-12	Finding:	258.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUL-12	Finding:	443.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	92.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	451.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-JUN-12	Finding:	4.26
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	27-JUN-12	Finding:	262.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	436.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	84.4
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	246.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	3.44
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-APR-12	Finding:	252.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-APR-12	Finding:	413.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-APR-12	Finding:	3.13
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	26-APR-12	Finding:	84.6
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAR-12	Finding:	3.3
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L

Dlr:	1.		
Sample date:	20-MAR-12	Finding:	93.2
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAR-12	Finding:	245.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-MAR-12	Finding:	408.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-12	Finding:	405.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-12	Finding:	3.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	24-FEB-12	Finding:	250.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-12	Finding:	85.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91505	56	0

Federal EPA Radon Zone for LOS ANGELES County: 2

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 LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

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 D: QUALIFICATIONS

PARTNER

Claudia Cook
Project Assessor

Education

BS, Geography: Physical Geography, Field Methods, and Earth Processes Emphasis, Arizona State University, Tempe, AZ

Highlights

14+ years in Environmental Consulting Industry:
Phase I Environmental Site Assessments
Phase II Environmental Site Assessments
Environmental Remediation

Experience Summary

Ms. Cook serves as a Project Assessor in the Environmental Science Division at Partner Engineering and Science, Inc. (Partner), where her duties include conducting Phase I and Phase II Environmental Site Assessments (ESAs), as well as Environmental Compliance Projects, in accordance with ASTM Standards and the US Environmental Protection Agency's All Appropriate Inquiry (AAI) compliance requirements. Her responsibilities include site assessment and reconnaissance, hydrogeological review, historical data review and analysis, agency data analysis, agency contact and research, Phase II recommendations, client communication, and report preparation.

Ms. Cook has over 14 years of experience as an Environmental Professional and Project Assessor. Prior to her current role, Ms. Cook previously worked for nearly a decade at Partner, where she worked on a variety of commercial real estate sites and facilities, including gas stations, industrial processing facilities, manufacturing sites, cell tower locations, storage facilities, hospitals, multi-family properties, and hospitality facilities. Most of these properties were located in the western United States.

Ms. Cook also has significant experience working on government projects at state and local levels. Ms. Cook was the lead assessor of equipment manufacturing and die-casting facilities investigated by the California Regional Water Quality Board for potential contamination from solvents, metals, and polychlorinated biphenyls in soil and/or groundwater. Her most notable government projects included three government contracted aircraft modification facilities previously occupied by the United States Navy and United States Marine Corps. Mrs. Cook performed regulatory compliance services involving transport, storage/disposal of hazardous waste; NPDES Permitting; Compliance Audits; and deed restrictions to obtain site closure.

Project Experience

United States Postal Service, various sites throughout OR and WA. Ms. Cook was the Task Manager overseeing the removal of underground heating oil storage tanks, and her duties included site surveys, sub-contractor bidding, supervision of contractors and tank removal, excavation and collection of soil and water samples, and facilitating site closure.
Bonneville Power Administration, Various locations, OR. Ms. Cook was the Task Manager and field support specialist for on-going sludge sampling and geophysical surveying.
Umatilla Army Depot, Umatilla, OR. Ms. Cook provided field support for soil sampling and site surveying.
Marina Construction Site, OR. Ms. Cook provided field support and report preparation of baseline water, fisheries and bathymetric data.

Contact

ccook@partneresi.com

Louis N. Mowers
Environmental Scientist

Education

B.S., Environmental Studies, University of California, Santa Barbara, CA

Highlights

Phase I Environmental Site Assessments
Transaction Screen Assessments
Environmental Desktop Reports

Experience Summary

Mr. Mowers serves as a Staff Assessor for Partner Engineering and Science, Inc. (Partner), to perform Phase I Environmental Site Assessments in accordance with EPA's All Appropriate Inquiry (AAI) and the American Society of Testing and Materials (ASTM). His responsibilities include conducting Freedom of Information Act (FOIA) agency file reviews, detailed site-inspections, in-depth historical reviews, and preparation and submittal of reports.

Outside of environmental consulting, Mr. Mowers has experience with ecological sustainability, environmentally sensitive medical waste disposal, and environmental law proficiency with NEPA, CEQA, ESA, and the CCC. Through his coursework at UCSB, Mr. Mowers was responsible for assisting in the design of aquatic and terrestrial ecologically sustainable models and field data recordings. His skills in research, technical writing, data management, and environmental efficiency have prepared him well for his role as a Staff Assessor.

Project Experience

Mr. Mowers has experience performing due diligence assessments for a variety of property types. For each assessment he reviews the condition of the building structure and systems and develops a thorough report.

Automotive Repair, Costa Mesa, CA. Mr. Mowers performed a Phase I Environmental Site Assessment for a 2,064 square-foot automotive repair center with multiple aboveground and in-ground hydraulic lifts, along with outdoor waste oil, filters, and engine oils storage.

Commercial Retail Center, Hawthorne, CA. Mr. Mowers performed a Phase I Environmental Site Assessment for a 186,434 square-foot commercial retail center with multiple retail stores and a current dry-cleaner.

Commercial Retail Center, Redondo Beach, CA. Mr. Mowers performed a Phase I Environmental Site Assessment for an 18,000 square-foot commercial center with multiple industrial businesses along with a current dry-cleaner, historic railroad, and on-site UST.

Industrial Factory/Office, Los Angeles, CA. Mr. Mowers assisted in completing a Phase I Environmental Site Assessment for a 2,000,000 square-foot industrial facility, with a gas station, multiple AST's and hydraulic components on site.

Contact

Lmowers@partneresi.com

Education

Bachelor of Arts, Political Science, University of South Carolina

Training

Asbestos Hazard and Emergency Response Act (AHERA) Building Inspection for Asbestos
Mine Safety and Health Administration (MSHA) – Part 46 and Part 48 Certified
Hazardous Waste Operations and Emergency Response (HAZWOPER), 40-hour (with First Aid, CPR)

Highlights

Over 13 years of experience conducting Phase I and Phase II Environmental Site Assessments (ESAs)
Over 13 years conducting industrial hygiene assessments such as asbestos, lead, radon, and mold surveys

Experience Summary

Mr. Boyce serves as a Project Manager for Partner Engineering and Science, Inc. (Partner), overseeing and managing all aspects of multi-scope projects including Phase I ESAs in accordance with EPA's All Appropriate Inquiry (AAI), Property Condition Assessments (PCAs), Zoning Reports, Seismic Assessments, and Industrial Hygiene-related projects. Mr. Boyce also serves as a senior technical reviewer on environmental due diligence assessments, including Phase I and II ESAs, for a variety of Clients.

Mr. Boyce has significant experience in due diligence assessments for a variety of property types and the needs and requirements of varied number of reporting standards, including ASTM standards, EPA's All Appropriate Inquiry (AAI), and customized client formats. Specifically, Mr. Boyce has performed Phase I Environmental Site Assessments (ESAs), Geotechnical Evaluations, Environmental Transaction Screens, Phase II and III Subsurface Investigations, Regulatory Compliance Assessments, Asbestos Surveys, Lead-based Paint Surveys, Radon Studies, and Mold Assessments.

Environmental Assessments

Duties included performing site visits; gathering zoning, ownership, building permits, fire records, and groundwater well information; geology research; UST and leaking underground storage tank (LUST) file review; aerial photograph interpretation; Resource Conservation Recovery Act (RCRA), Water Quality Assurance Revolving Fund (WQARF), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) database and city directory review; personal interviews; and preparation of technical reports.

Subsurface Investigations

Mr. Boyce has extensive experience in conducting Phase II Subsurface Investigations on industrial manufacturing facilities, gas stations, auto repair facilities, multi-family residential properties, shopping centers, and undeveloped land. Mr. Boyce has conducted soil and soil gas sampling, oversight of underground storage tank (UST) removals, drywell investigations, and soil and groundwater remediation activities (Former Industrial Plating Facilities/Former Military Airport).

Industrial Hygiene Surveys

Mr. Boyce has served as a Project Scientist/Project Manager on numerous Industrial Hygiene related projects. Projects included asbestos, microbial remediation, lead-based paint, and industrial hygiene (plating and paint mixing facilities) related projects, including sampling, report preparation, and senior review for numerous banking entities, municipalities, law firms, and a variety of commercial businesses throughout the United

States. In addition, Mr. Boyce has provided asbestos and microbial abatement oversight activities at private, commercial, and school facilities.

Geotechnical/Forensic
Mr. Boyce's field experience also includes logging and sampling geotechnical borings for civil engineering projects, and conducting floor measurement surveys for forensic-related studies. Duties included placing boring locations via GPS coordinates, logging borings, collection of soil samples, classifying soils in accordance with Unified Soil Classification System (USCS), and supervision and coordination of drilling and utility locating companies.

Project Experience

Various High Profile and Historic Hotel/Resort Properties, Various locations throughout the United States and Caribbean. Mr. Boyce has managed numerous multi-scope equity projects on high profile and historic hotel/resort properties, with scopes of work including Phase I ESAs, PCAs, Zoning Reports, Seismic Assessments, and Industrial Hygiene-related sampling.

Various FDIC Properties, Various locations throughout the United States. Mr. Boyce has managed numerous FDIC projects on various properties, with scopes of work including Phase I ESAs and Industrial Hygiene-related sampling.

Various High-Rise Commercial Properties, Various locations throughout the United States. Mr. Boyce has managed numerous multi-scope equity projects on high-rise properties, with scopes of work including Phase I ESAs, PCAs, Zoning Reports, Seismic Assessments, and Industrial Hygiene-related sampling.

Various Large-Scale Mining Operations, Various locations throughout the Western United States. Mr. Boyce has managed and conducted numerous multi-scope projects on large-scale coal, copper, and surface mining operations located throughout the western United States, with scopes of work including Phase I and Phase II ESAs, aboveground storage tank (AST) compliance, and asbestos (transite pipe) removal.

Department of Defense Cleanup, Mesa, Arizona. Mr. Boyce was subcontracted to provide general technical operation assistance and routine compliance sampling at a Thermally-Enhanced Soil Vapor Extraction pilot test for a former Air Force jet fueling compound and active Superfund Site.

Former Semi-Conductor Facility, Phoenix, Arizona. Mr. Boyce conducted numerous subsurface investigations at a former semiconductor facility and provided technical oversight during remedial activities and post-remedial clearance sampling.

UST Removal Oversight, Throughout Arizona. Mr. Boyce conducted numerous subsurface investigations and UST removals under the oversight of the Arizona Department of Environmental Quality at various locations throughout Arizona. Mr. Boyce provided technical oversight during remedial activities and post-remedial clearance sampling.

Contact

dboyce@partneresi.com

Education
B.S. in Biological Sciences, University of California Santa Barbara, Distinction in Major

Registrations
National Registry of Environmental Professionals: Registered Environmental Property Assessor (REPA)

Training
OSHA 40-Hour Health and Safety Training

Highlights
Almost 20 years in the environmental and engineering consulting industry
Founding member of Partner Engineering and Science, Inc.
Executive Board Member of Partner Engineering and Science, Inc.

Experience Summary
Ms. Redlin brings unique expertise and experience as an almost 20-year veteran of the environmental and engineering consulting industry.

With her strong background in environmental science, coupled with a deep understanding of the commercial real estate business process, Ms. Redlin has become the leading expert in all things relating to commercial real estate due diligence. She has gained valuable knowledge and know-how from having been personally involved in the details of thousands of real estate transactions for various client types, and therefore understands the specific needs and scopes of work required for all parties involved in a transaction. Ms. Redlin's due diligence resume includes advising lenders and real estate investors on a wide gamut of due diligence. This knowledge allows her to offer the most efficient and cost-effective solutions for a wide array of commercial real estate transactions.

Ms. Redlin has extensive experience managing all aspects of due diligence for nationwide and local clients. Real estate investors, redevelopment agencies, financial institutions, insurance lenders, and real estate equity funds have come to rely on her advice and judgment to help them with their real estate business decisions. Ms. Redlin is a dedicated professional who takes pride and pleasure in meeting her client's needs and spearheading and assembling the team with the expertise to handle any issue that may come up during the transaction.

Outside of providing her clients with support on their transactions, Ms. Redlin is a respected and relied upon industry thought leader. She regularly provides insight by contributing to respected industry publications and speaks at industry events.

As an executive board member at Partner, Ms. Redlin is responsible for helping to shape the direction of Partner. Through her leadership contributions, Partner has achieved substantial growth even in the downturn of the commercial real estate market. Average annual growth has been roughly 20% over recent years slowing from exponential growth in the early years of the company. Ms. Redlin has successfully grown her personal book of business at Partner by more than 10% on average annually. As an executive, she provides mentorship to Partner's sales team and operation managers. Additionally, Ms. Redlin works

diligently to develop her own team into future leaders and provide them a path for growth. Colleagues look at Ms. Redlin's high functioning team as a model for their own.

Project Experience

Ms. Redlin has extensive experience in testing soil, soil gas, and groundwater in the context of a real estate transaction, as well as under the supervision of state and federal regulators. Among her specialties is guiding landowners and prospective purchasers through the process of selling or acquiring an environmentally challenged site.

Ms. Redlin has participated in the characterization of groundwater and soil contamination; quarterly groundwater monitoring; implementation of various systems such as soil vapor extraction systems, dual phase extraction systems, ozone sparging, air sparging, pump and treat; and soil excavation projects such as tank removals at several clean-up sites in Los Angeles and Orange County.

Ms. Redlin also has extensive experience in environmental compliance monitoring and biological consulting. She has extensive experience working as an independent contractor for and in conjunction with state and local agencies such as Santa Barbara County Parks, California Department of Fish and Game, California Public Utilities Commission, Los Angeles Water and Sanitation and others. This included monitoring construction activities near sensitive biological receptors; containing, quantifying and reporting any hazardous material spills that occurred; working with construction crews to ensure compliance with environmental permit regulations as well as reporting to interested parties on the progress and compliance of the project.

Distinctions

Real Estate Forum- Woman of Influence 2012

Ms. Redlin was named by the Los Angeles Business Journal for Women Making a Difference in 2010.

Ms. Redlin has been designated a 2009 California Mortgage Bankers Association (CMBA) Future Leader.

Ms. Redlin was named Real Estate Southern California Woman of Influence in 2008 for her role in the area's commercial real estate transactions.

Ms. Redlin was one of only two consultants asked to sit on the Risk Managers Association (RMA) Credit Committee roundtable which discussed the effects of the new Federal All Appropriate Inquiries (AAI) standard on Phase I Environmental Site Assessments.

Ms. Redlin received an Industry Profile of Distinction in Brownfield Renewal.

Affiliations

Member, Environmental Bankers Association
Member, Mortgage Banker's Association
Member, All Star Group, Income Property Lending
Member, International Council of Shopping Centers

Speaking

Income Property Lending Conferences- Regular Presenter
Southern California Chief Appraiser Meetings- Regular Presenter
Environmental Bankers Association- Regular Presenter
Due Diligence 101 Webinar
Getting in Front of Due Diligence Issues Webinar
Bisnow Conference Series Moderator
GlobeStreet Thought Leader
Connect Apartments Conference – Speaker on Fannie, Freddie
Crittenden Conference – Speaker on Economics of Environmental Risk
First annual CLIC Conference Presenter
CLIC Conference – Annual Speaker
Check Out California Podcast

Publications

Amid Coronavirus Crisis, Hoteliers Find a Window for Renovation, *GlobeSt 2020*
What to Do If Your Phase I ESA Has Environmental Concerns: Alternative Approaches, *GlobeSt 2019*
Factoring Risk and Business Objectives to Maximize Your Opportunity Zone Investments, *Connect 2019*
Remedial Cost Estimates as a Critical Component of Securing CMBS Loans, *CRE Finance World 2019*
The Sale & Purchase of Non-Residential Properties
Top Three Due Diligence Considerations for 2019: What You Need to Know, *GlobeSt 2018*
An Analysis of Tiered Environmental Due Diligence, *CRE Finance World 2018*
Parking Development Quote in National Real Estate Investor, *NREI 2018*
Update on the new Phase I ESA Standard (ASTM E1527-13)
Distress in the Wall: Troubled Assets and What to Do With Them (Part 2), *GlobeSt 2017*
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AB 1103: What Does It Mean for the Industry, *GlobeSt 2014*
Lender Due Diligence Requirements Not Easing Yet, *Commercial Property Executive 2013*
Update on the New Phase I Environmental Standard ASTM E1527-13, *GlobeSt 2013*
I Have a Low-Risk Site; Why Do a Phase 1 Environmental Site Assessment?, *GlobeSt 2012*
The Phase 1's Ugly Stepsister – The Phase 2 Subsurface Investigation, *GlobeSt 2012*
Life After The Phase 1 Environmental, *GlobeSt 2012*
Due Diligence at Foreclosure: What Do Lenders Need to Consider?, *GlobeSt 2011*
Do I Really Need A Phase 1 Environmental Site Assessment?, *GlobeSt, 2011*
Life After The Phase 1 Environmental, *GlobeSt, 2011*
Post-Recession: A New Phase For Environmental Assessments?, *GlobeSt 2011*
Granite Distributor Sponsors Radon Granite Testing Project, *Stone World, December 2008*

Contact

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